

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120222\
 Data File : VL039964.D
 Acq On : 2 Dec 2022 10:30
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Dec 02 23:17:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 02 05:29:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.156	49	985096	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.619	114	3038630	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.433	117	3000571	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	2274901	9.926	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.697	85	1596156	11.314	ppbv	98
3) Chlorodifluoromethane	2.642	51	1175812	8.650	ppbv	97
4) Chloromethane	2.780	50	762010	8.772	ppbv	99
5) Vinyl Chloride	2.886	62	666204	9.815	ppbv	96
6) Bromomethane	3.086	94	214695	9.273	ppbv	98
7) Chloroethane	3.163	64	236103	8.800	ppbv	100
8) Dichlorotetrafluoroethane	2.825	85	1614790	10.024	ppbv	100
9) Propene	2.661	41	548630	8.568	ppbv	99
10) Heptane	7.545	43	1378010	8.919	ppbv	98
11) Trichlorofluoromethane	3.529	101	1666592	9.685	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.031	101	1252695	9.618	ppbv	97
13) Ethanol	3.214	45	25063	5.127	ppbv	94
14) Bromoethene	3.330	108	486329	9.575	ppbv	96
15) Acetone	3.433	43	1110837	8.502	ppbv	100
16) 1,3-Butadiene	2.951	39	577790	8.873	ppbv	95
17) tert-Butyl alcohol	3.844	59	1254151	8.348	ppbv	100
18) 1,1-Dichloroethene	3.844	96	562237	9.463	ppbv	95
19) Isopropyl Alcohol	3.542	45	583901	8.254	ppbv #	32
20) Methylene Chloride	3.896	84	468774	7.405	ppbv	97
21) Allyl Chloride	3.960	41	807188	8.906	ppbv	100
22) trans-1,2-Dichloroethene	4.410	96	591343	9.788	ppbv	99
23) Vinyl Acetate	4.594	43	474608	8.842	ppbv #	98
24) 1,1-Dichloroethane	4.529	63	1185233	9.157	ppbv	100
25) Ethyl Acetate	5.169	43	2259736	9.420	ppbv	99
26) Hexane	5.176	57	1006757	9.607	ppbv	96
27) Carbon Disulfide	4.086	76	1393227	10.530	ppbv	99
28) Methyl tert-Butyl Ether	4.549	73	1151043	8.772	ppbv	97
29) Chloroform	5.237	83	1648056	11.834	ppbv	98
30) Cyclohexane	6.565	84	925142	8.996	ppbv	98
31) cis-1,2-Dichloroethene	5.041	61	931337	9.619	ppbv	97
32) 1,1,1-Trichloroethane	5.967	97	1689970	9.716	ppbv	99
34) 2-Butanone	4.751	43	1269051	8.728	ppbv	97
35) Carbon Tetrachloride	6.455	117	1746002	10.118	ppbv	96
36) Benzene	6.333	78	2340039	9.060	ppbv	99
37) 1,2-Dichloroethane	5.767	62	1282561	9.061	ppbv	99
38) Trichloroethene	7.256	130	1316747	9.120	ppbv	98
39) 1,2-Dichloropropane	7.034	63	873731	8.683	ppbv	99
40) 1,4-Dioxane	7.253	88	334935	8.355	ppbv	92
41) Tetrahydrofuran	5.520	42	860318	8.571	ppbv	97
42) Bromodichloromethane	7.211	83	1876972	9.778	ppbv	99
43) Methyl Methacrylate	7.439	69	911566	9.002	ppbv	99
44) 2,2,4-Trimethylpentane	7.291	57	3746199	8.688	ppbv	99
45) t-1,3-Dichloropropene	8.674	75	857284	9.163	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120222\
 Data File : VL039964.D
 Acq On : 2 Dec 2022 10:30
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 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

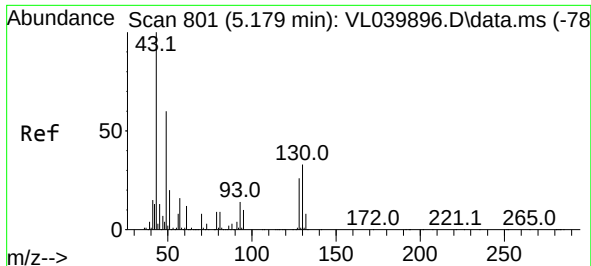
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 02 05:29:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.108	75	1178338	9.092	ppbv	99
47) 1,1,2-Trichloroethane	8.864	97	944685	9.134	ppbv	98
48) Dibromochloromethane	9.677	129	1587697	10.481	ppbv	99
49) Bromoform	12.375	173	1250599	10.199	ppbv	99
50) 4-Methyl-2-Pentanone	8.147	43	2289735	8.793	ppbv	99
51) 2-Hexanone	9.516	43	1750701	8.660	ppbv	100
52) Tetrachloroethene	10.581	164	820024	8.487	ppbv	96
53) Toluene	9.185	91	2655632	9.026	ppbv	99
54) 1,2-Dibromoethane	9.973	107	1085687	9.837	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.474	131	1124355	9.167	ppbv	95
57) Chlorobenzene	11.490	112	2025320	8.828	ppbv	95
58) Ethyl Benzene	12.056	91	3533884	8.681	ppbv	99
59) m/p-Xylene	12.339	91	2384252	6.998	ppbv #	30
60) o-Xylene	13.027	91	2817657	8.672	ppbv	99
61) Styrene	12.863	104	1717858	8.857	ppbv	99
62) Isopropylbenzene	13.995	105	4073500	8.694	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.011	83	955756	8.809	ppbv	99
64) n-propylbenzene	14.879	120	636607	5.194	ppbv #	1
65) tert-Butylbenzene	16.056	119	3481422	8.494	ppbv	99
66) Benzyl Chloride	16.294	91	212497	6.050	ppbv	99
67) sec-Butylbenzene	16.603	105	4811420	8.537	ppbv	98
69) p-Isopropyltoluene	16.966	119	3921491	8.447	ppbv	98
70) n-Butylbenzene	17.857	91	3904772	8.484	ppbv	98
71) 2-Chlorotoluene	14.770	91	2997955	8.442	ppbv	99
72) 4-Ethyltoluene	15.162	105	3224780	8.830	ppbv	99
73) 1,3,5-Trimethylbenzene	15.320	105	2852883	8.533	ppbv	99
74) 1,2,4-Trimethylbenzene	16.075	105	3031667	8.565	ppbv	93
75) 1,3-Dichlorobenzene	16.301	146	1695591	8.514	ppbv	99
76) 1,4-Dichlorobenzene	16.439	146	1643943	8.327	ppbv	99
77) 1,2-Dichlorobenzene	17.111	146	1582355	8.242	ppbv	99
78) Hexachloro-1,3-Butadiene	22.599	225	935260	7.021	ppbv	98
79) Naphthalene	21.349	128	1775435	8.381	ppbv	98
80) Naphthalene,2-methyl-	24.348	142	463001	7.771	ppbv	92
81) 1,2,4-Trichlorobenzene	21.107	180	1018916	7.789	ppbv	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

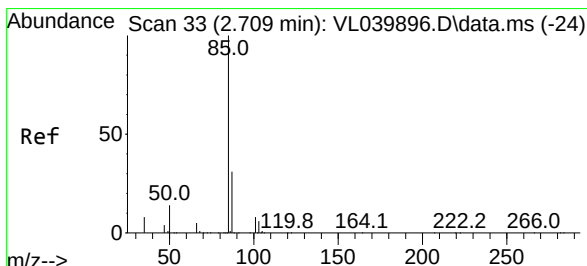
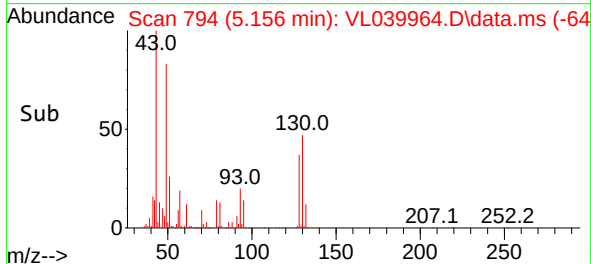
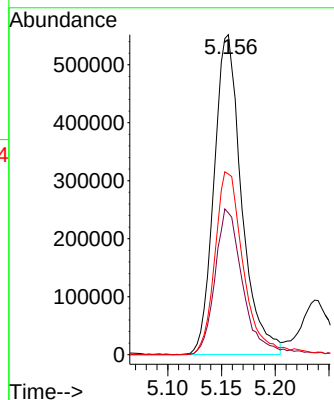
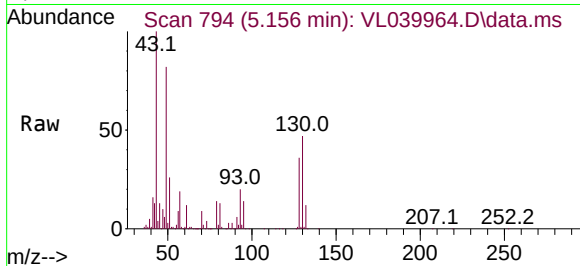
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#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.156 min Scan# 79
 Delta R.T. -0.017 min
 Lab File: VL039964.D
 Acq: 2 Dec 2022 10:30

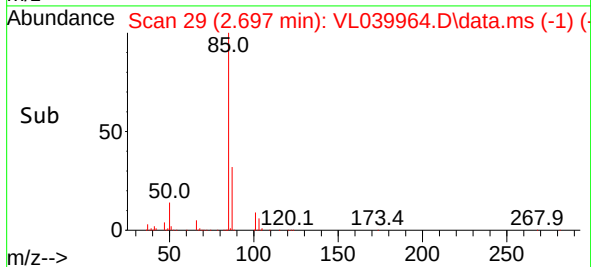
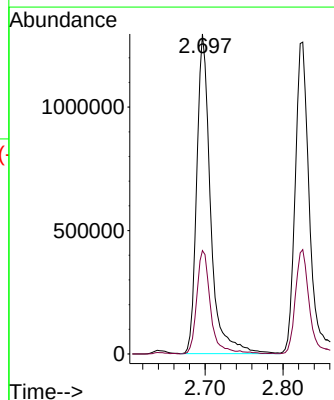
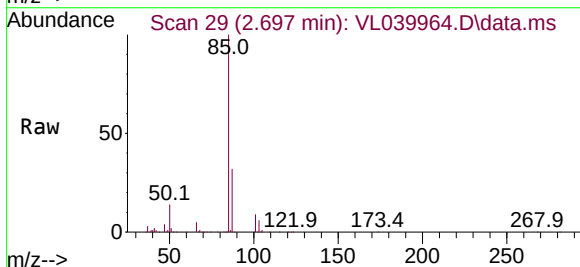
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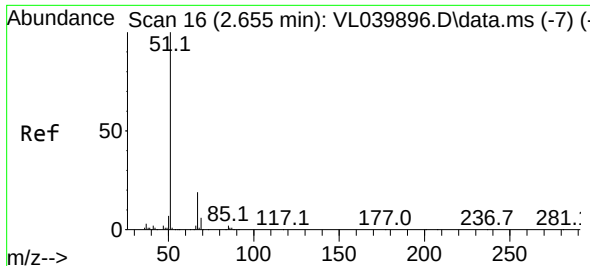
Tgt Ion: 49 Resp: 985096
 Ion Ratio Lower Upper
 49 100
 128 47.0 22.1 66.3
 130 60.6 27.7 83.1



#2
 Dichlorodifluoromethane
 Concen: 11.314 ppbv
 RT: 2.697 min Scan# 29
 Delta R.T. -0.013 min
 Lab File: VL039964.D
 Acq: 2 Dec 2022 10:30

Tgt Ion: 85 Resp: 1596156
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.0 37.4

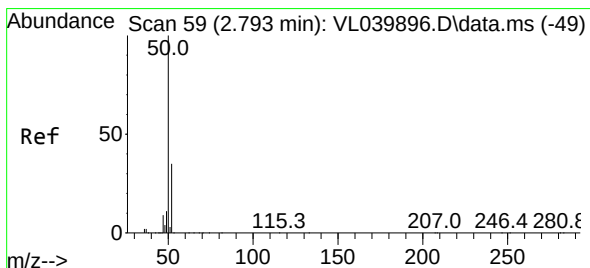
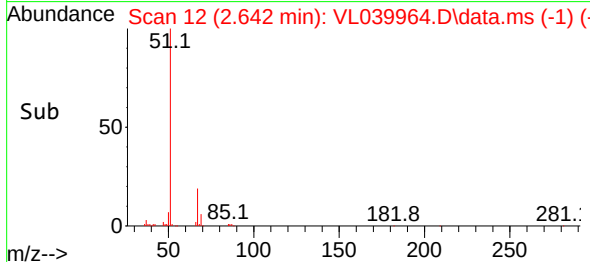
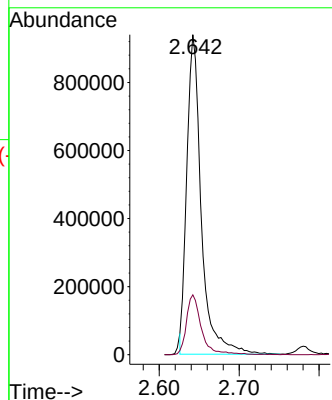
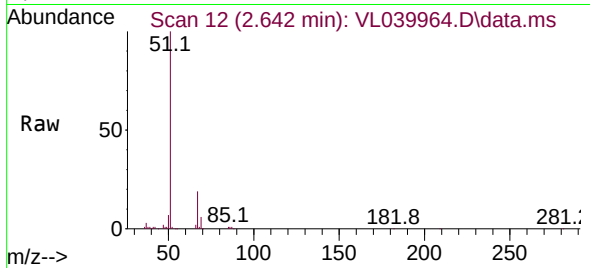




#3
Chlorodifluoromethane
Concen: 8.650 ppbv
RT: 2.642 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

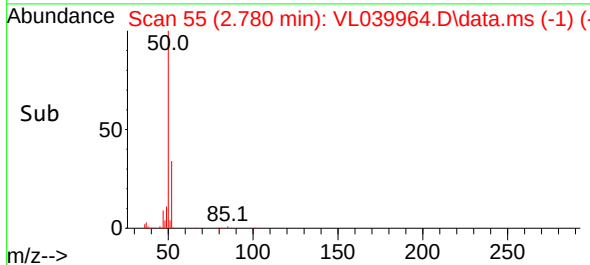
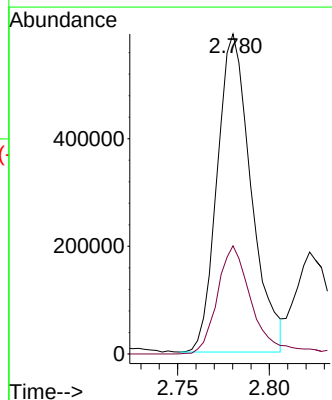
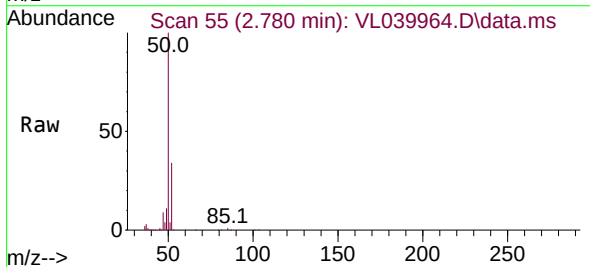
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MSVOA_L
ClientSampleId :
VSTDCCC010

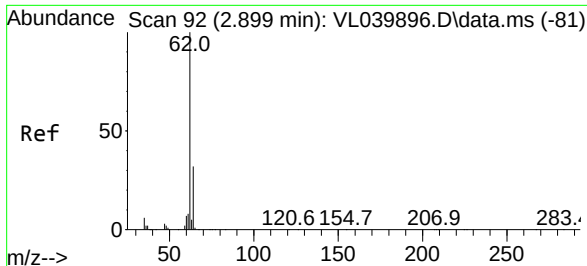
Tgt Ion: 51 Resp: 1175812
Ion Ratio Lower Upper
51 100
67 19.2 14.2 21.4



#4
Chloromethane
Concen: 8.772 ppbv
RT: 2.780 min Scan# 55
Delta R.T. -0.010 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion: 50 Resp: 762010
Ion Ratio Lower Upper
50 100
52 33.9 27.8 41.8

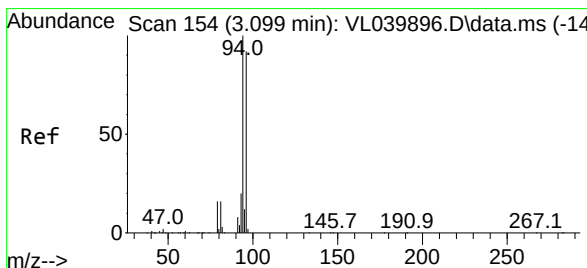
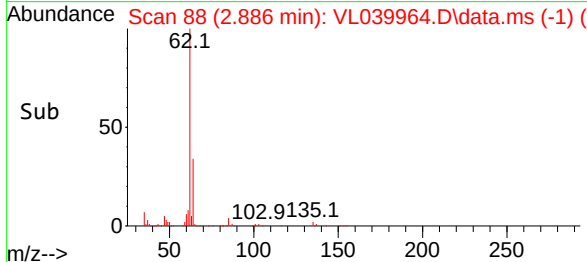
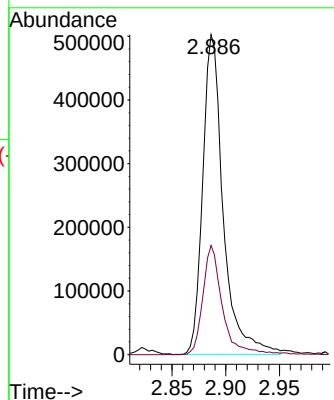
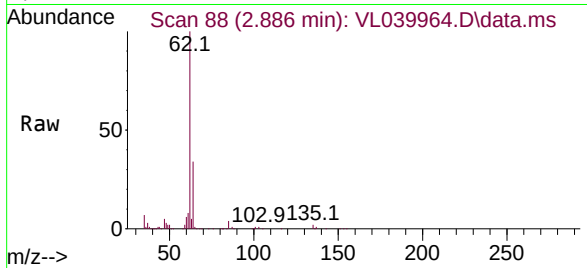




#5
 Vinyl Chloride
 Concen: 9.815 ppbv
 RT: 2.886 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: VL039964.D
 Acq: 2 Dec 2022 10:30

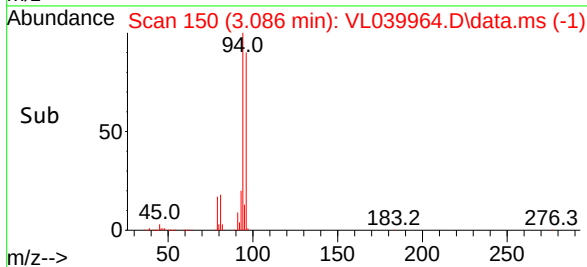
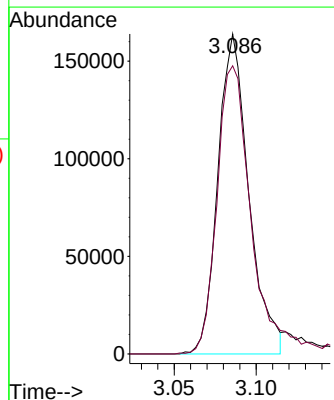
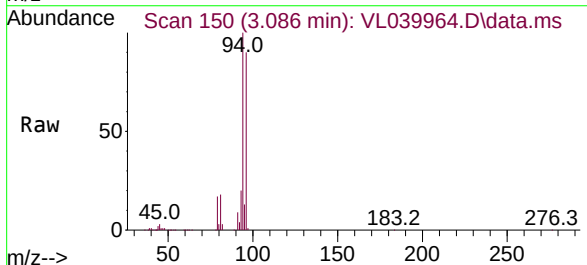
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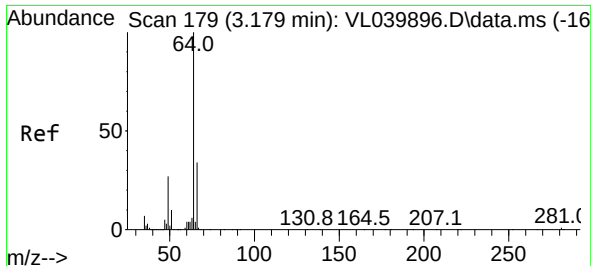
Tgt Ion: 62 Resp: 666204
 Ion Ratio Lower Upper
 62 100
 64 34.1 25.7 38.5



#6
 Bromomethane
 Concen: 9.273 ppbv
 RT: 3.086 min Scan# 150
 Delta R.T. -0.013 min
 Lab File: VL039964.D
 Acq: 2 Dec 2022 10:30

Tgt Ion: 94 Resp: 214695
 Ion Ratio Lower Upper
 94 100
 96 89.8 73.7 110.5

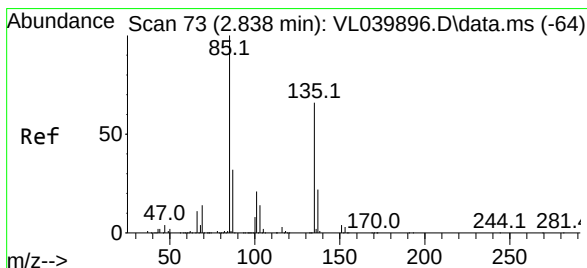
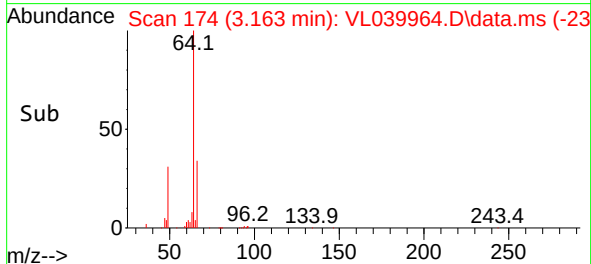
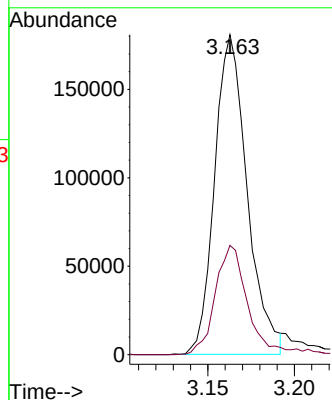
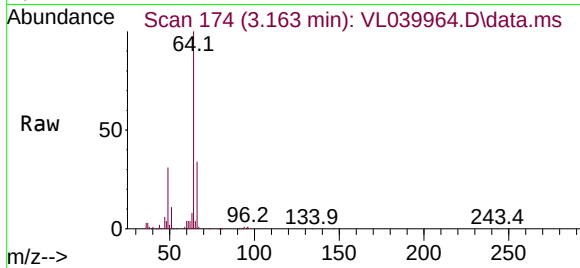




#7
Chloroethane
Concen: 8.800 ppbv
RT: 3.163 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

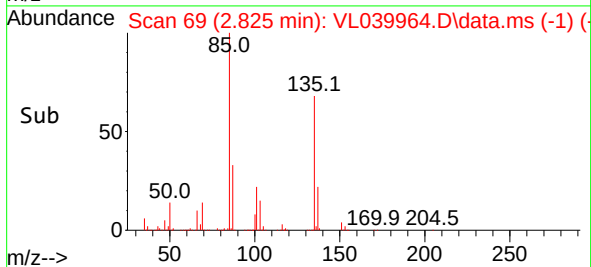
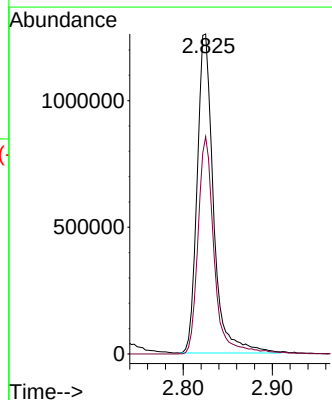
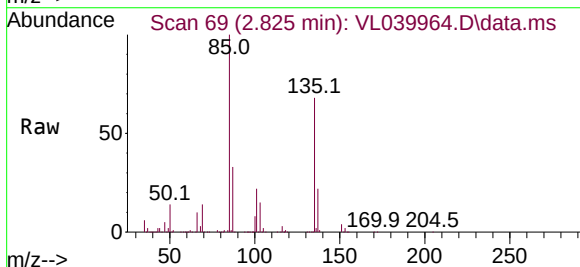
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MSVOA_L
ClientSampleId :
VSTDCCC010

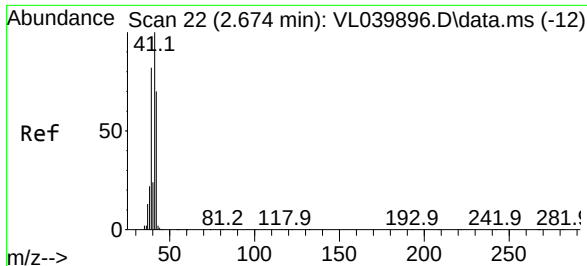
Tgt Ion: 64 Resp: 236103
Ion Ratio Lower Upper
64 100
66 34.1 27.3 40.9



#8
Dichlorotetrafluoroethane
Concen: 10.024 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.010 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion: 85 Resp: 1614790
Ion Ratio Lower Upper
85 100
135 67.6 54.1 81.1





#9

Propene

Concen: 8.568 ppbv

RT: 2.661 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL039964.D

Acq: 2 Dec 2022 10:30

Instrument :

MSVOA_L

ClientSampleId :

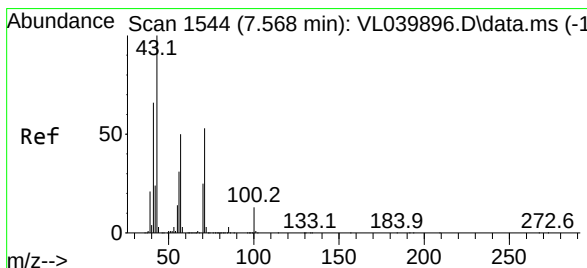
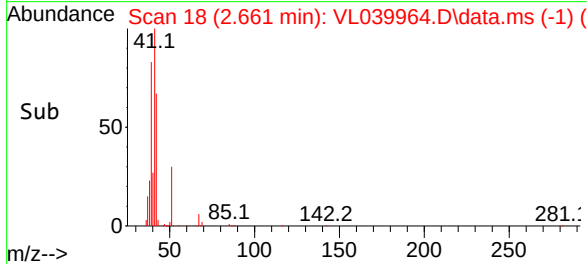
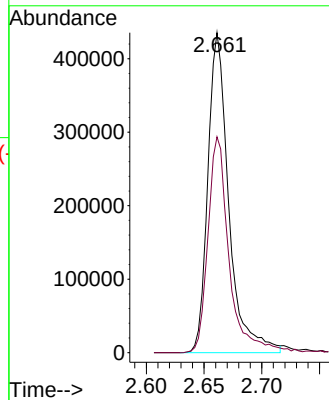
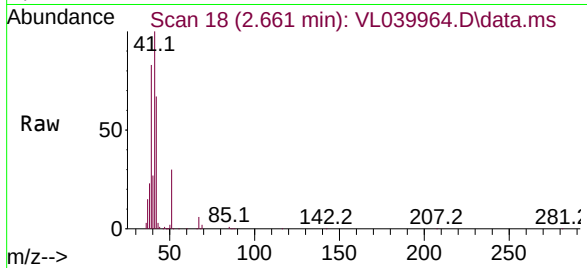
VSTDCCC010

Tgt Ion: 41 Resp: 548630

Ion Ratio Lower Upper

41 100

42 68.8 55.8 83.6



#10

Heptane

Concen: 8.919 ppbv

RT: 7.545 min Scan# 1537

Delta R.T. -0.019 min

Lab File: VL039964.D

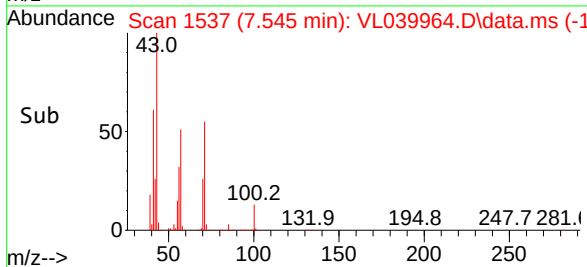
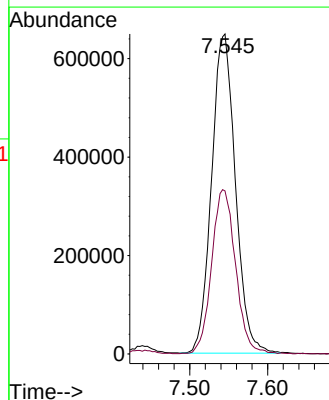
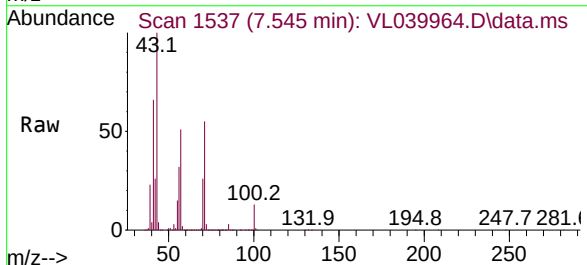
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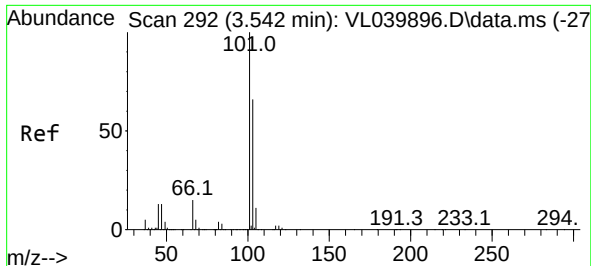
Tgt Ion: 43 Resp: 1378010

Ion Ratio Lower Upper

43 100

57 52.1 40.7 61.1

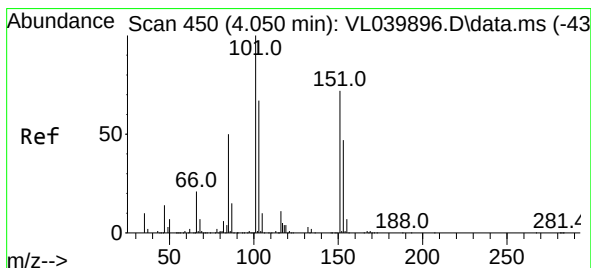
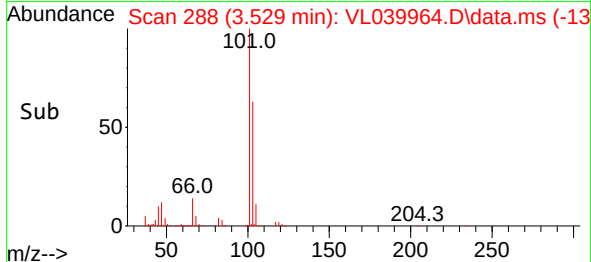
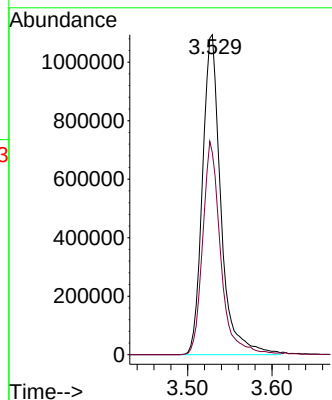
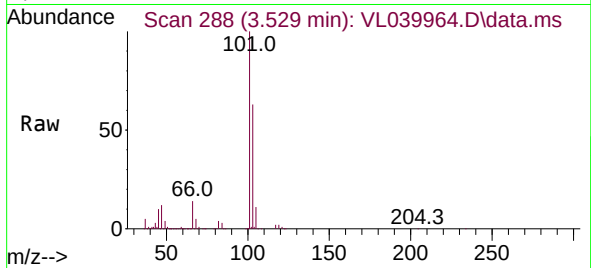




#11
 Trichlorofluoromethane
 Concen: 9.685 ppbv
 RT: 3.529 min Scan# 292
 Delta R.T. -0.013 min
 Lab File: VL039964.D
 Acq: 2 Dec 2022 10:30

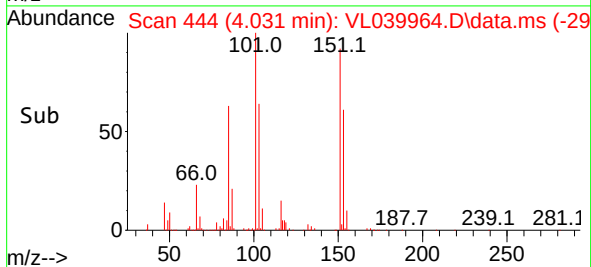
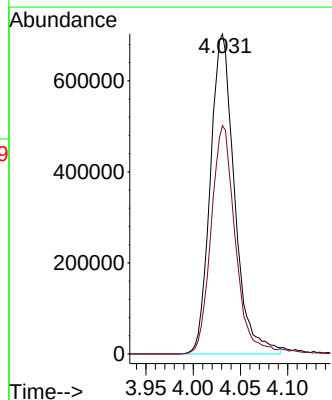
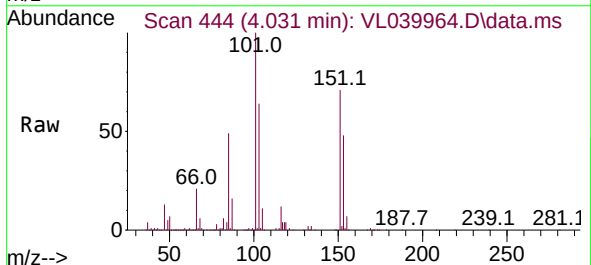
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

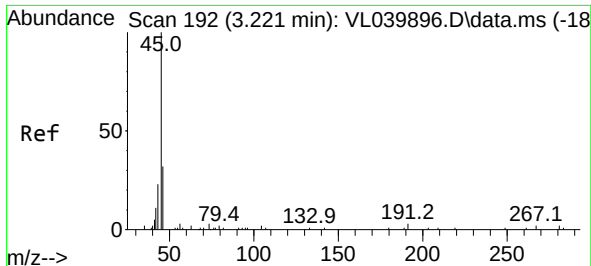
Tgt Ion:101 Resp: 1666592
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.618 ppbv
 RT: 4.031 min Scan# 444
 Delta R.T. -0.016 min
 Lab File: VL039964.D
 Acq: 2 Dec 2022 10:30

Tgt Ion:101 Resp: 1252695
 Ion Ratio Lower Upper
 101 100
 151 72.4 59.6 89.4

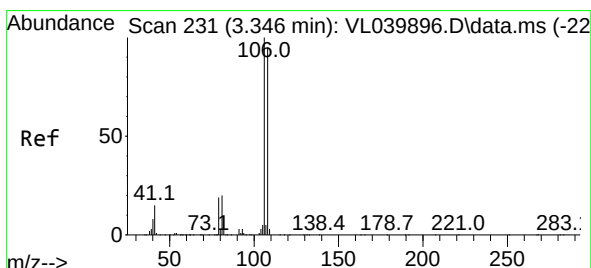
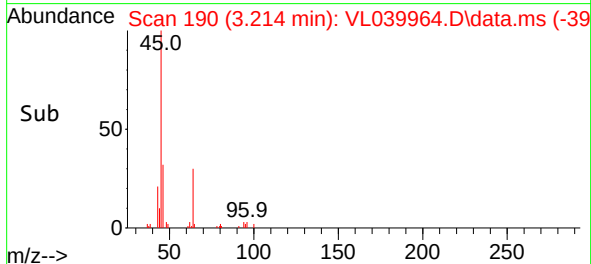
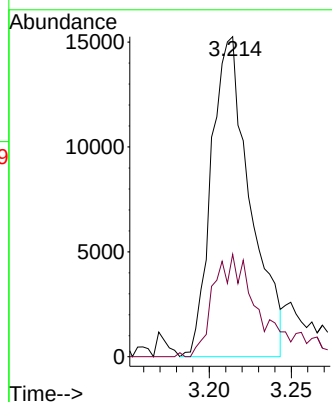
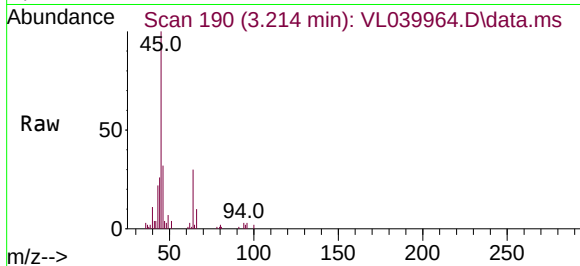




#13
Ethanol
Concen: 5.127 ppbv
RT: 3.214 min Scan# 192
Delta R.T. -0.013 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

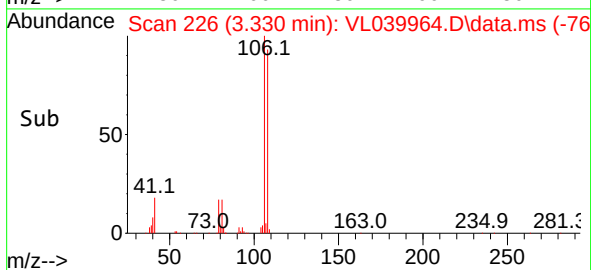
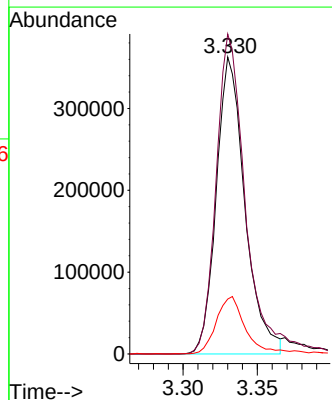
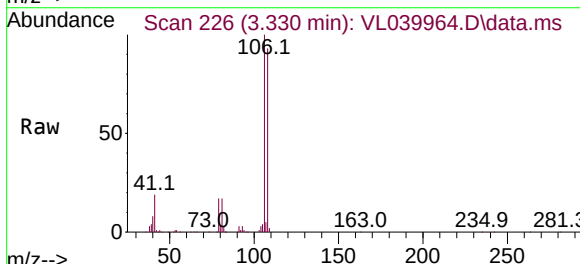
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

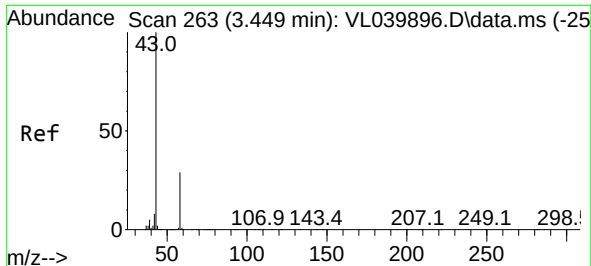
Tgt Ion: 45 Resp: 25063
Ion Ratio Lower Upper
45 100
46 39.7 14.6 58.2



#14
Bromoethene
Concen: 9.575 ppbv
RT: 3.330 min Scan# 226
Delta R.T. -0.016 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion: 108 Resp: 486329
Ion Ratio Lower Upper
108 100
106 113.8 87.3 130.9
79 20.5 15.9 23.9

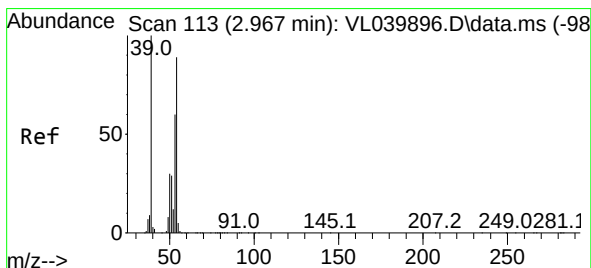
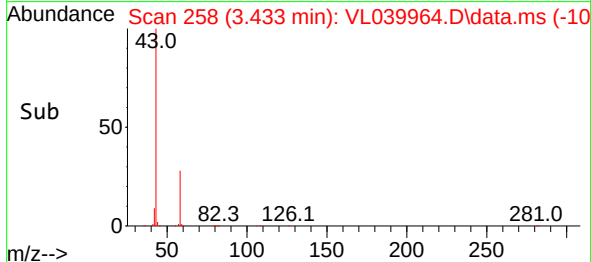
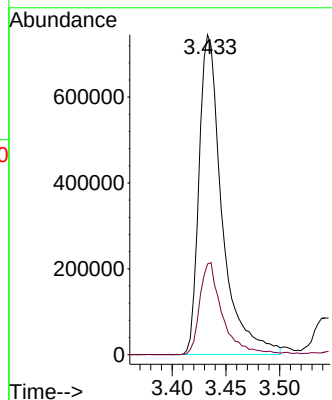
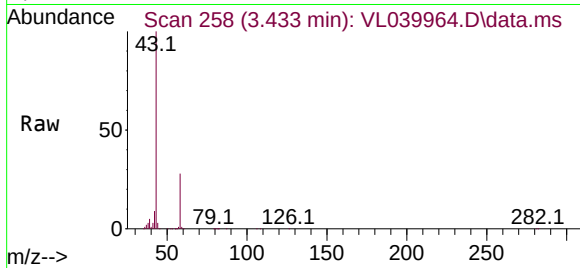




#15
Acetone
Concen: 8.502 ppbv
RT: 3.433 min Scan# 211
Delta R.T. -0.013 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

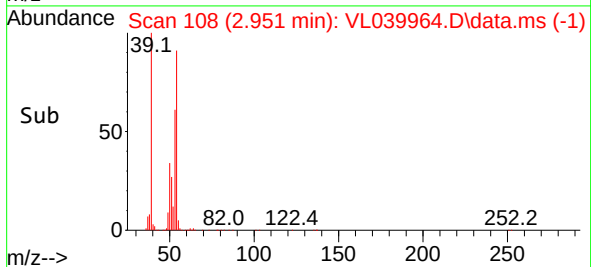
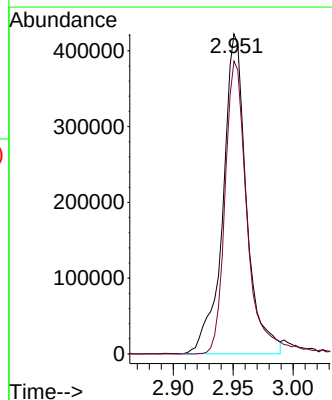
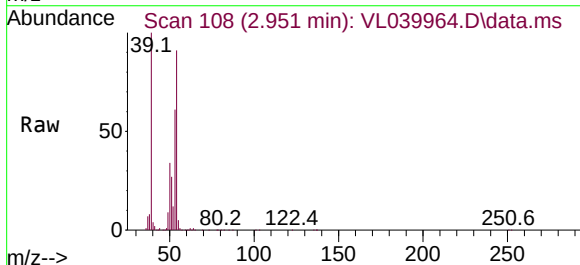
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

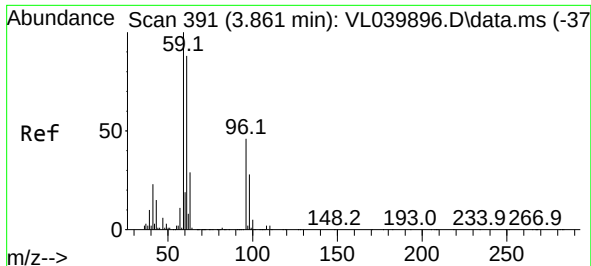
Tgt Ion: 43 Resp: 1110837
Ion Ratio Lower Upper
43 100
58 28.8 22.9 34.3



#16
1,3-Butadiene
Concen: 8.873 ppbv
RT: 2.951 min Scan# 108
Delta R.T. -0.013 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion: 39 Resp: 577790
Ion Ratio Lower Upper
39 100
54 87.7 66.6 99.8

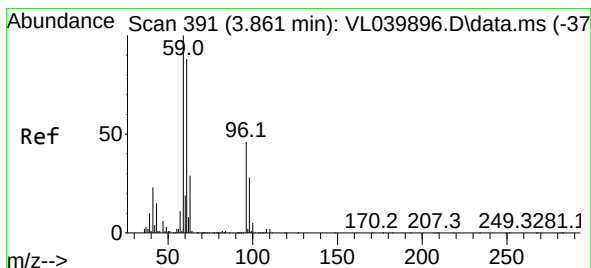
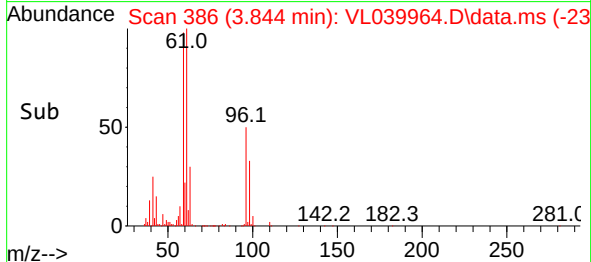
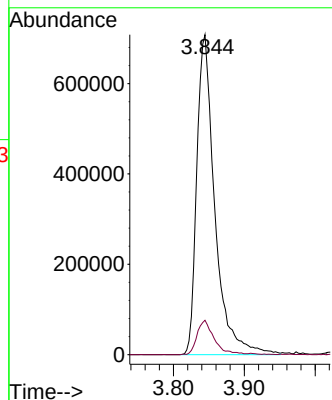
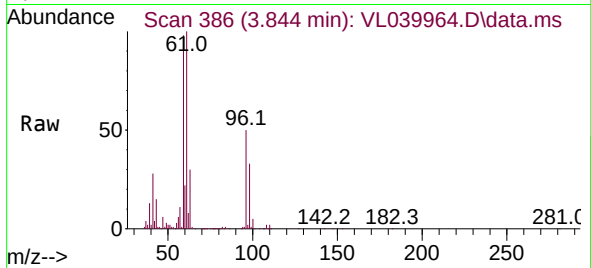




#17
tert-Butyl alcohol
Concen: 8.348 ppbv
RT: 3.844 min Scan# 386
Delta R.T. -0.013 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

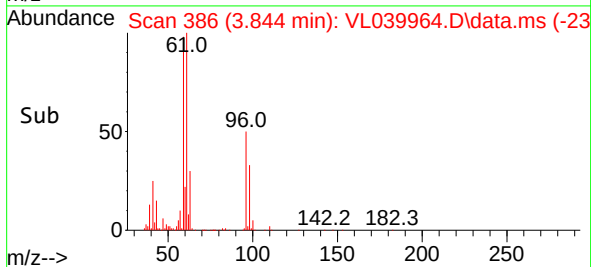
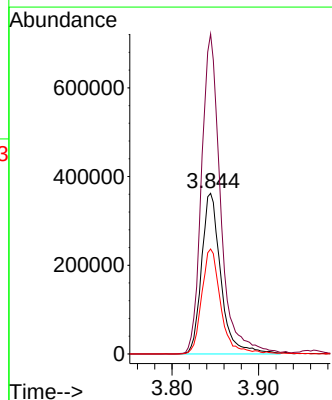
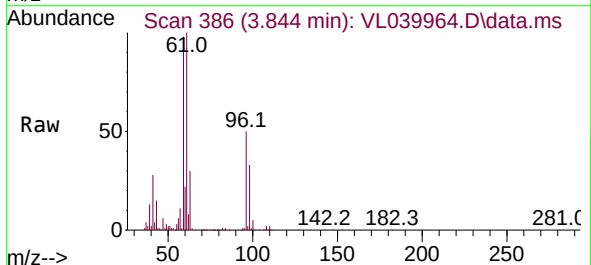
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

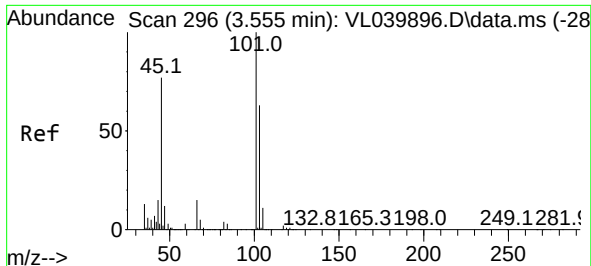
Tgt Ion: 59 Resp: 1254151
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#18
1,1-Dichloroethene
Concen: 9.463 ppbv
RT: 3.844 min Scan# 386
Delta R.T. -0.016 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion: 96 Resp: 562237
Ion Ratio Lower Upper
96 100
61 198.9 153.4 230.2
98 65.4 48.9 73.3

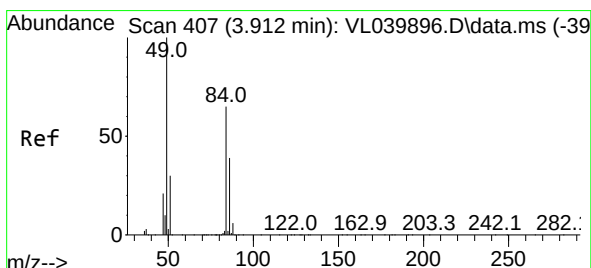
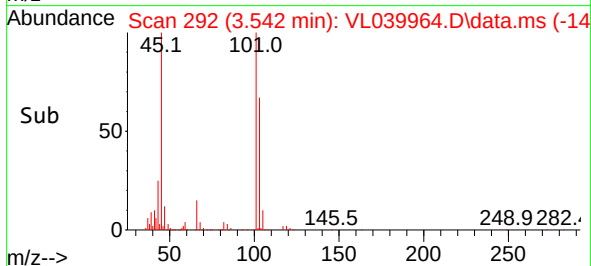
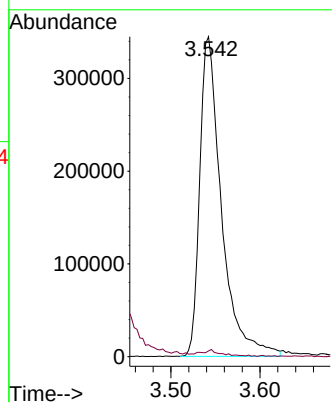
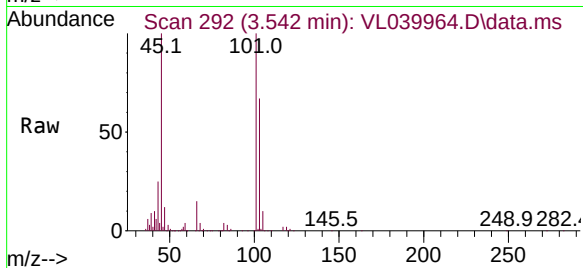




#19
Isopropyl Alcohol
Concen: 8.254 ppbv
RT: 3.542 min Scan# 296
Delta R.T. -0.013 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

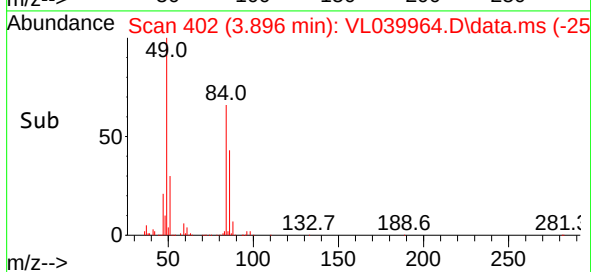
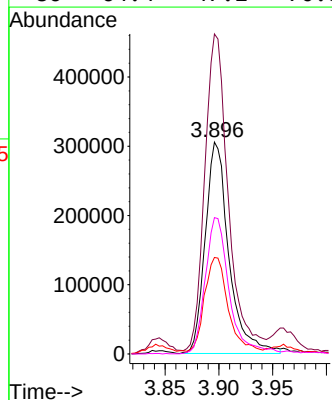
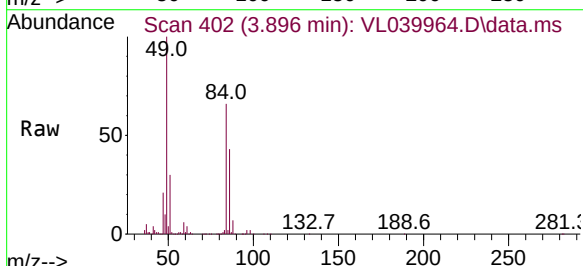
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

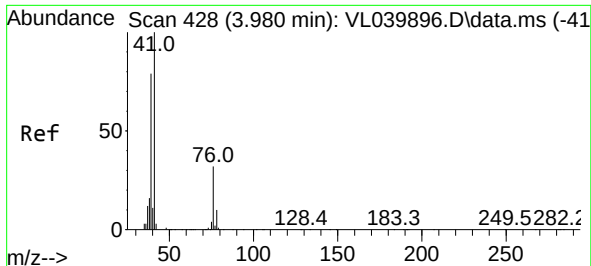
Tgt Ion: 45 Resp: 583901
Ion Ratio Lower Upper
45 100
58 2.6 38.7 58.1#



#20
Methylene Chloride
Concen: 7.405 ppbv
RT: 3.896 min Scan# 402
Delta R.T. -0.016 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion: 84 Resp: 468774
Ion Ratio Lower Upper
84 100
49 149.6 122.2 183.4
51 44.1 36.3 54.5
86 64.4 47.2 70.8

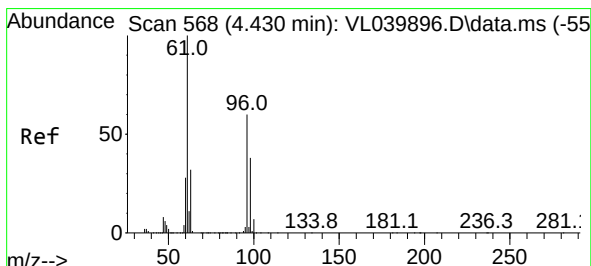
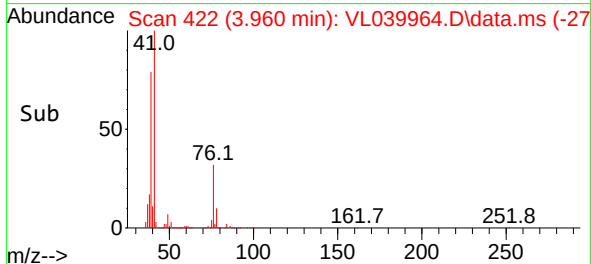
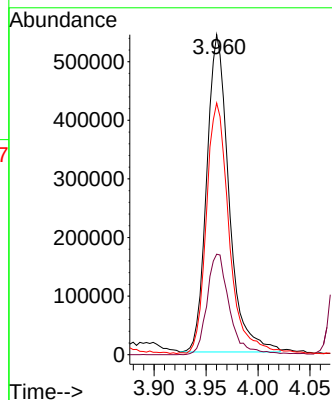
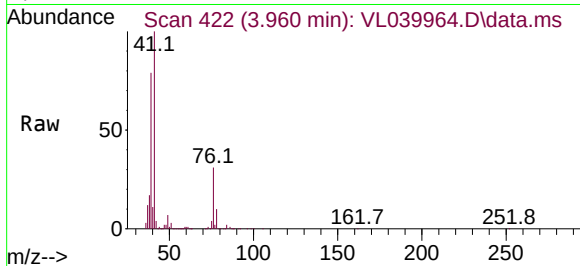




#21
 Allyl Chloride
 Concen: 8.906 ppbv
 RT: 3.960 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL039964.D
 Acq: 2 Dec 2022 10:30

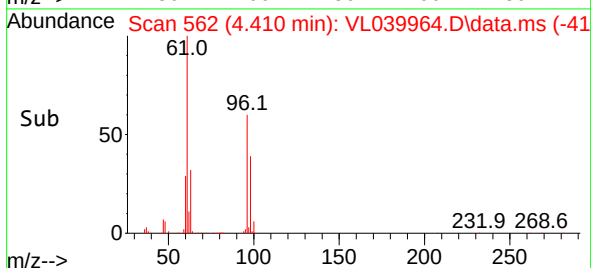
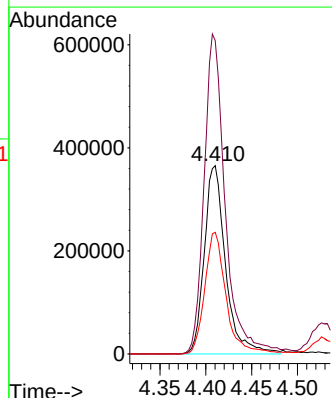
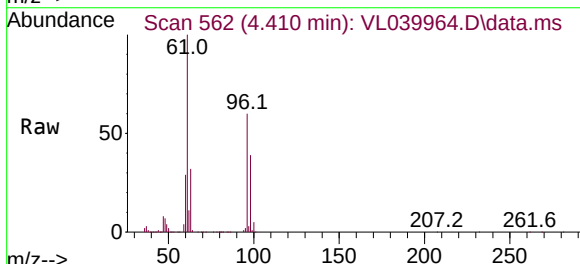
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

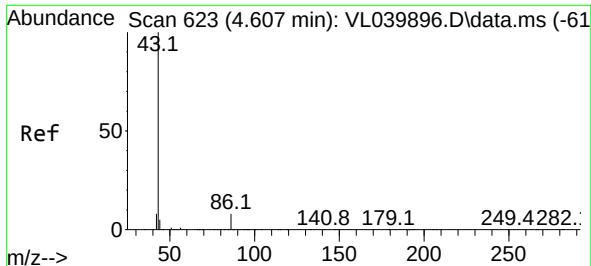
Tgt Ion: 41 Resp: 807188
 Ion Ratio Lower Upper
 41 100
 76 32.1 25.6 38.4
 39 81.9 65.2 97.8



#22
 trans-1,2-Dichloroethene
 Concen: 9.788 ppbv
 RT: 4.410 min Scan# 562
 Delta R.T. -0.016 min
 Lab File: VL039964.D
 Acq: 2 Dec 2022 10:30

Tgt Ion: 96 Resp: 591343
 Ion Ratio Lower Upper
 96 100
 61 166.5 134.1 201.1
 98 64.6 50.4 75.6

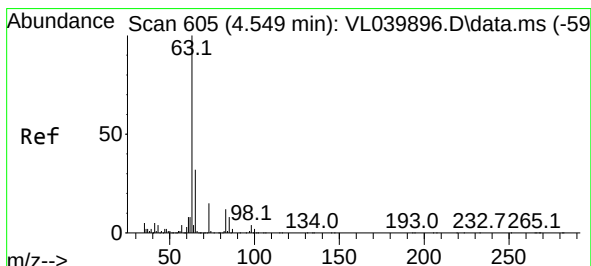
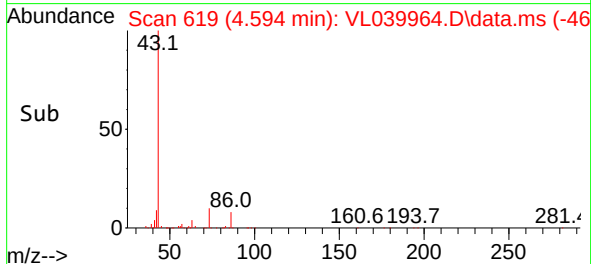
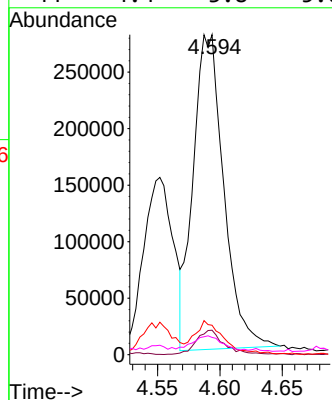
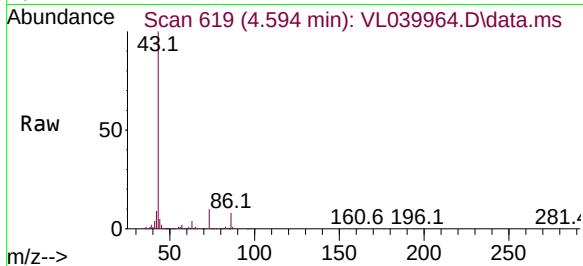




#23
 Vinyl Acetate
 Concen: 8.842 ppbv
 RT: 4.594 min Scan# 619
 Delta R.T. -0.013 min
 Lab File: VL039964.D
 Acq: 2 Dec 2022 10:30

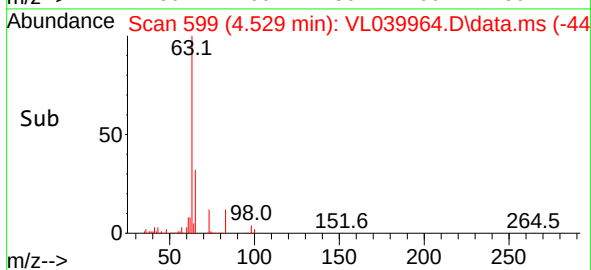
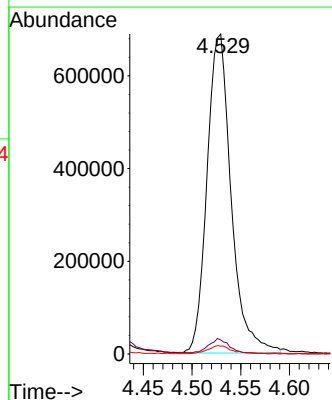
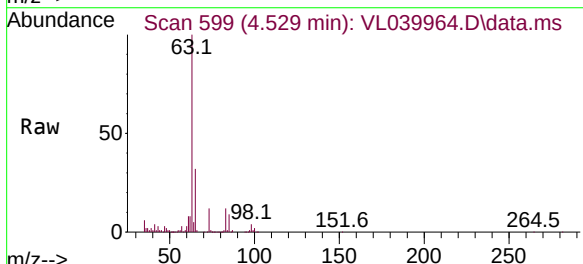
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

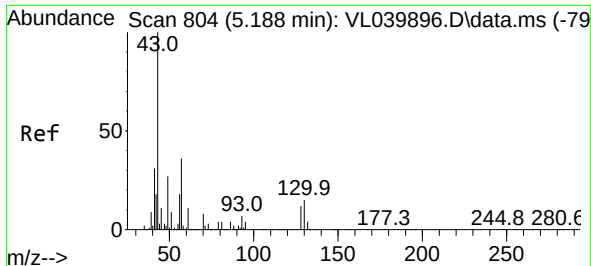
Tgt Ion: 43 Resp: 474608
 Ion Ratio Lower Upper
 43 100
 86 7.5 5.0 7.4#
 42 9.1 7.6 11.4
 44 4.4 3.8 5.6



#24
 1,1-Dichloroethane
 Concen: 9.157 ppbv
 RT: 4.529 min Scan# 599
 Delta R.T. -0.013 min
 Lab File: VL039964.D
 Acq: 2 Dec 2022 10:30

Tgt Ion: 63 Resp: 1185233
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.1 6.5
 100 2.5 1.1 3.5



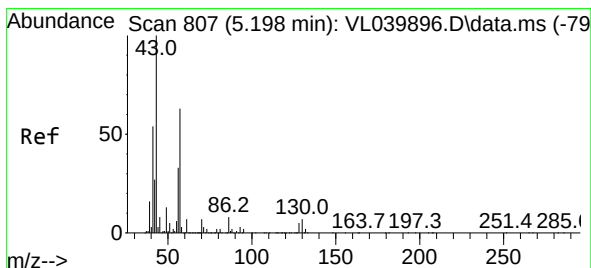
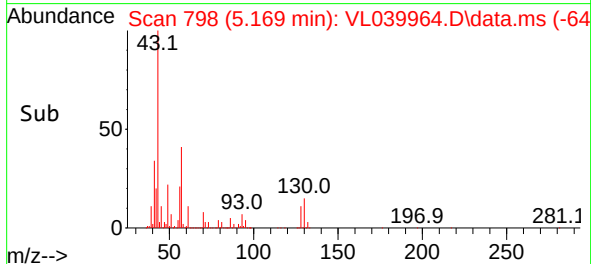
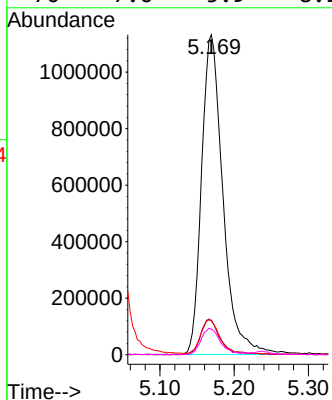
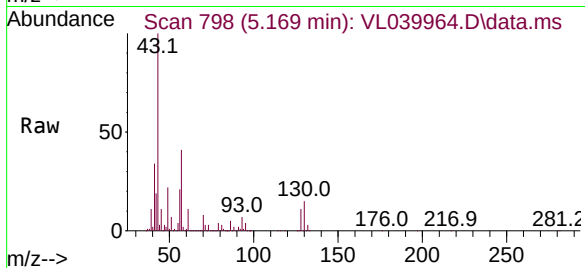


#25
Ethyl Acetate
Concen: 9.420 ppbv
RT: 5.169 min Scan# 79
Delta R.T. -0.016 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2259736

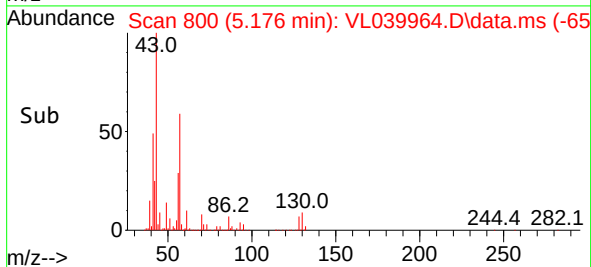
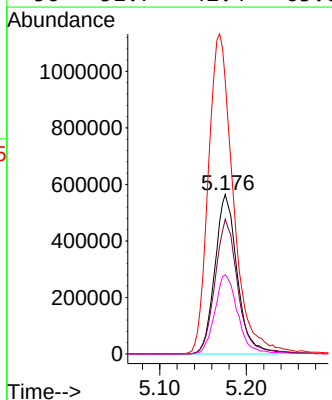
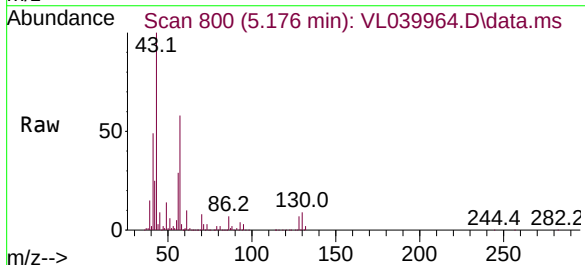
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.4	12.6
61	10.4	8.5	12.7
70	7.6	5.9	8.9

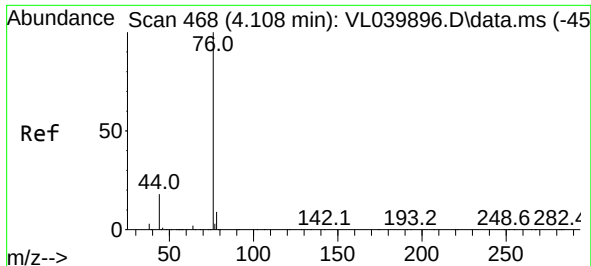


#26
Hexane
Concen: 9.607 ppbv
RT: 5.176 min Scan# 800
Delta R.T. -0.019 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion: 57 Resp: 1006757

Ion	Ratio	Lower	Upper
57	100		
41	87.9	72.3	108.5
43	227.2	188.7	283.1
56	51.7	42.4	63.6



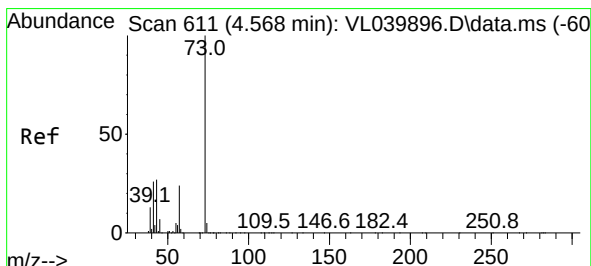
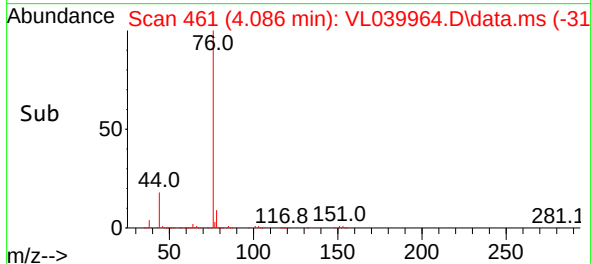
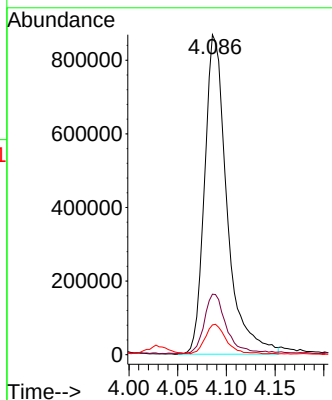
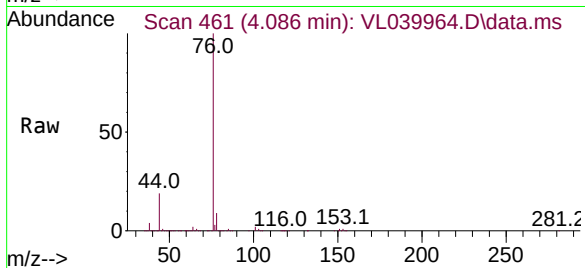


#27
Carbon Disulfide
Concen: 10.530 ppbv
RT: 4.086 min Scan# 405
Delta R.T. -0.019 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1393227

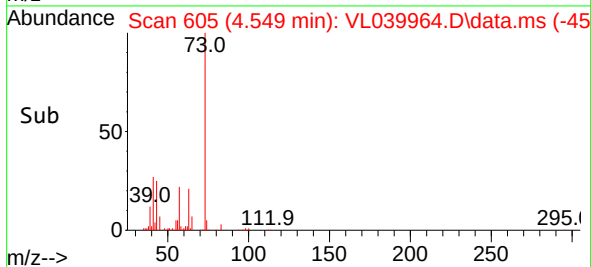
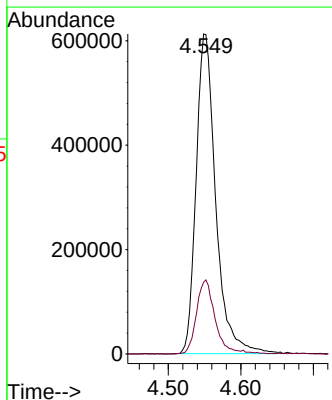
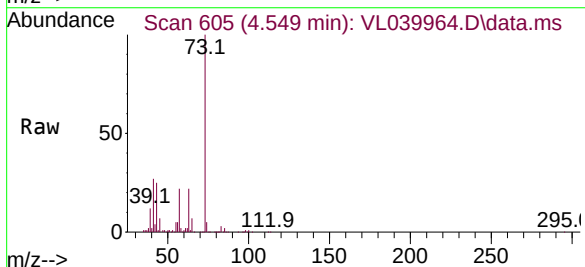
Ion	Ratio	Lower	Upper
76	100		
44	18.7	14.7	22.1
78	9.6	7.8	11.8

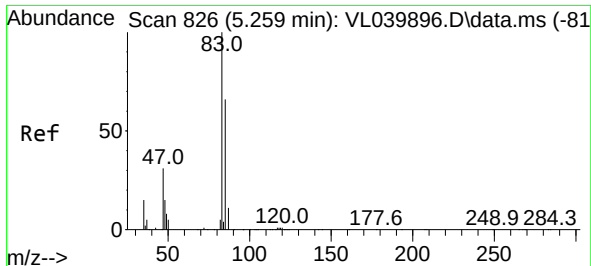


#28
Methyl tert-Butyl Ether
Concen: 8.772 ppbv
RT: 4.549 min Scan# 605
Delta R.T. -0.016 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion: 73 Resp: 1151043

Ion	Ratio	Lower	Upper
73	100		
57	22.3	18.9	28.3





#29

Chloroform

Concen: 11.834 ppbv

RT: 5.237 min Scan# 81

Delta R.T. -0.019 min

Lab File: VL039964.D

Acq: 2 Dec 2022 10:30

Instrument :

MSVOA_L

ClientSampleId :

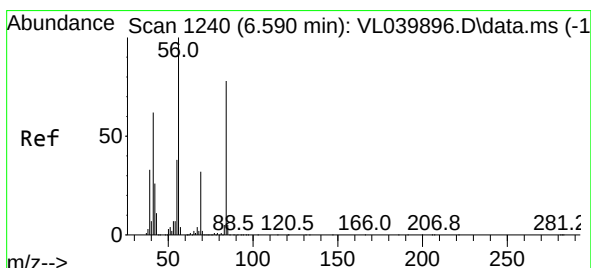
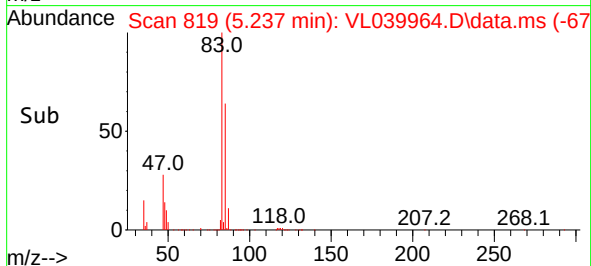
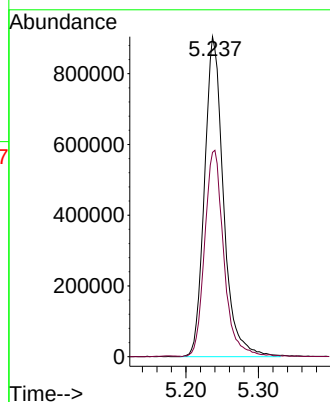
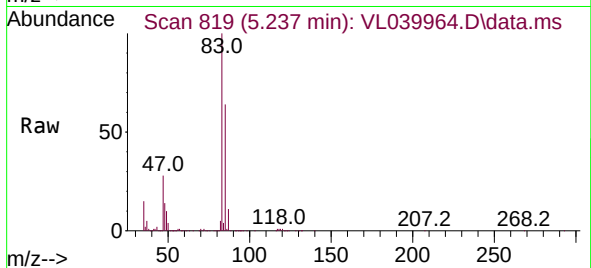
VSTDCCC010

Tgt Ion: 83 Resp: 1648056

Ion Ratio Lower Upper

83 100

85 63.7 52.4 78.6



#30

Cyclohexane

Concen: 8.996 ppbv

RT: 6.565 min Scan# 1232

Delta R.T. -0.019 min

Lab File: VL039964.D

Acq: 2 Dec 2022 10:30

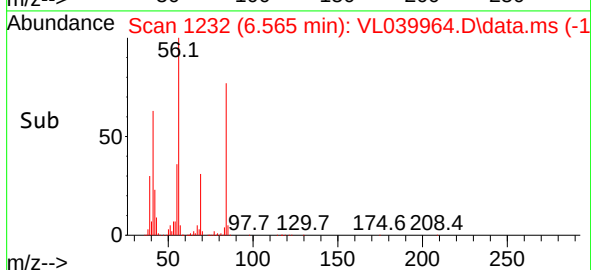
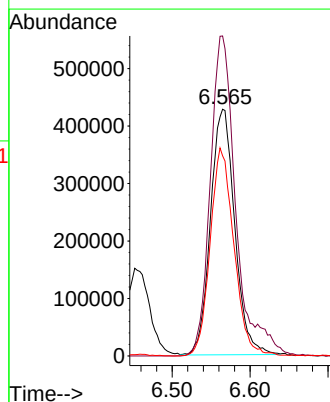
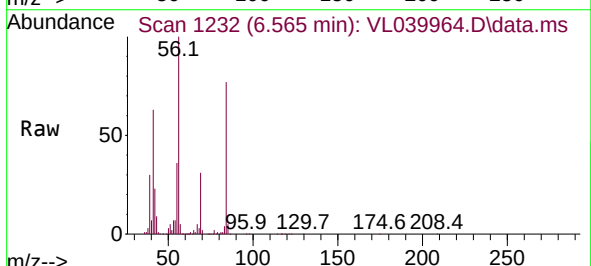
Tgt Ion: 84 Resp: 925142

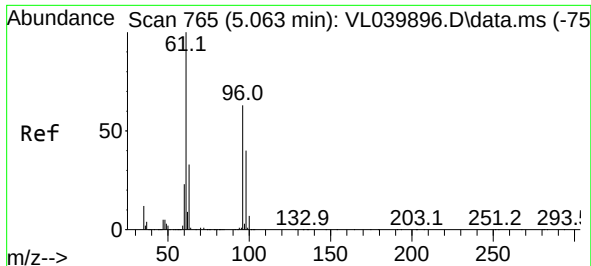
Ion Ratio Lower Upper

84 100

56 137.8 112.5 168.7

41 83.4 67.8 101.8

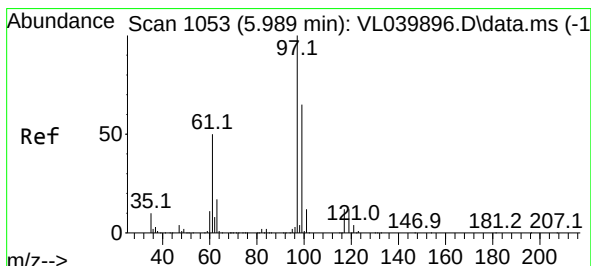
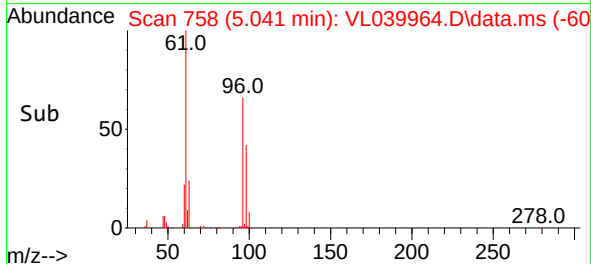
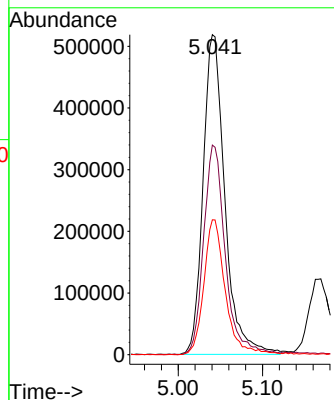
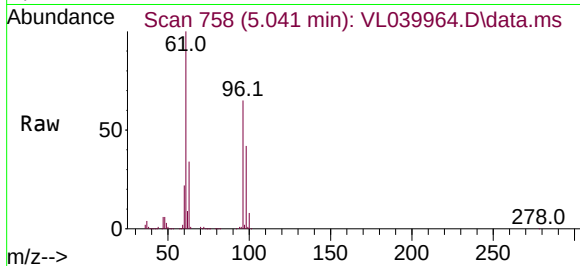




#31
 cis-1,2-Dichloroethene
 Concen: 9.619 ppbv
 RT: 5.041 min Scan# 71
 Delta R.T. -0.016 min
 Lab File: VL039964.D
 Acq: 2 Dec 2022 10:30

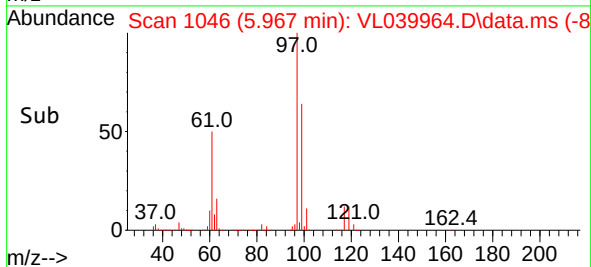
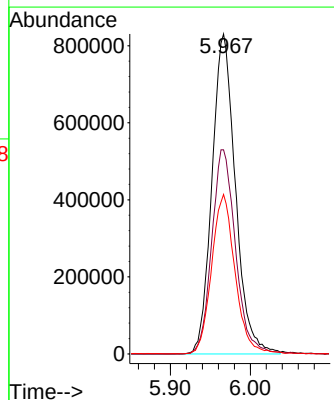
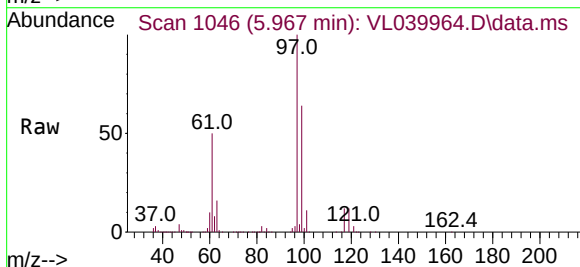
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

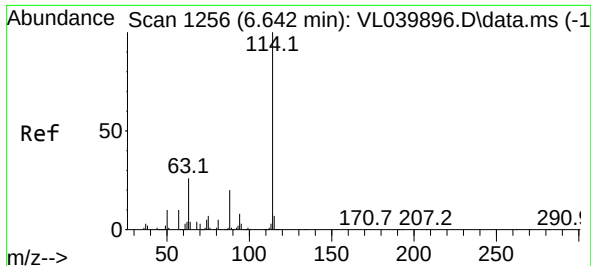
Tgt Ion: 61 Resp: 931337
 Ion Ratio Lower Upper
 61 100
 96 65.5 50.3 75.5
 98 42.2 32.2 48.2



#32
 1,1,1-Trichloroethane
 Concen: 9.716 ppbv
 RT: 5.967 min Scan# 1046
 Delta R.T. -0.016 min
 Lab File: VL039964.D
 Acq: 2 Dec 2022 10:30

Tgt Ion: 97 Resp: 1689970
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.4 77.0
 61 50.2 40.7 61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.619 min Scan# 1

Delta R.T. -0.016 min

Lab File: VL039964.D

Acq: 2 Dec 2022 10:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

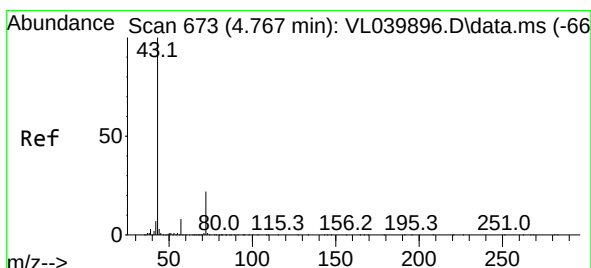
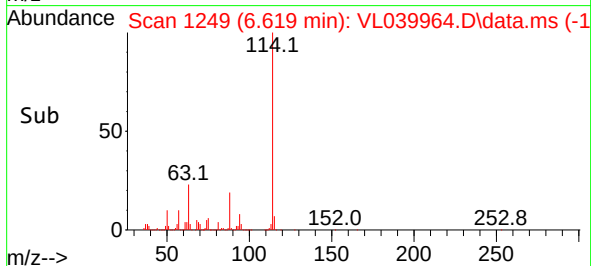
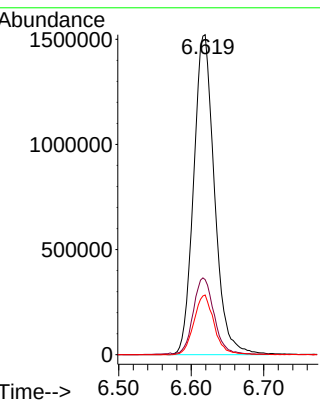
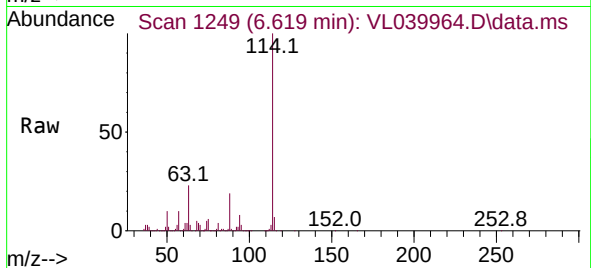
Tgt Ion:114 Resp: 3038630

Ion Ratio Lower Upper

114 100

63 24.5 21.4 32.0

88 18.2 15.3 22.9



#34

2-Butanone

Concen: 8.728 ppbv

RT: 4.751 min Scan# 668

Delta R.T. -0.016 min

Lab File: VL039964.D

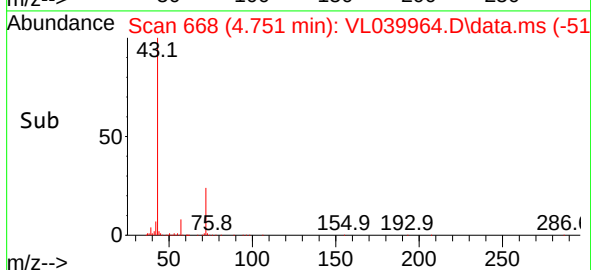
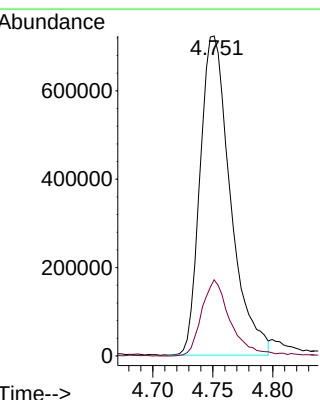
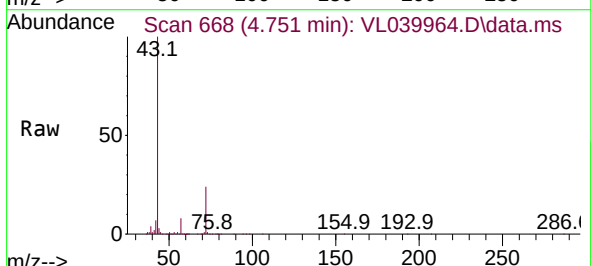
Acq: 2 Dec 2022 10:30

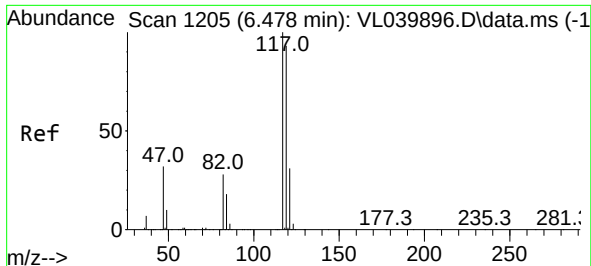
Tgt Ion: 43 Resp: 1269051

Ion Ratio Lower Upper

43 100

72 23.3 17.4 26.2

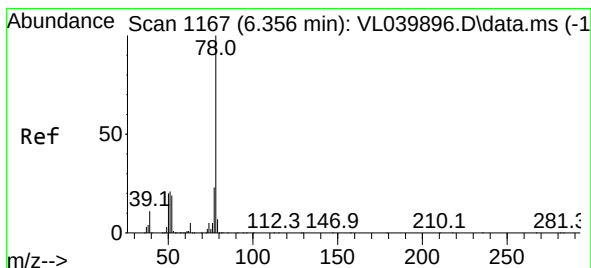
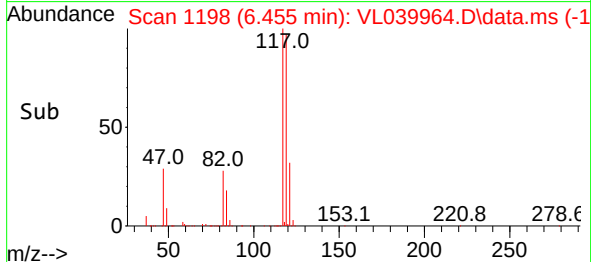
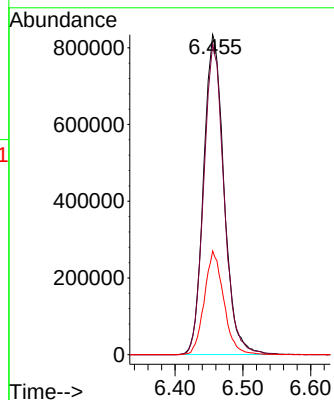
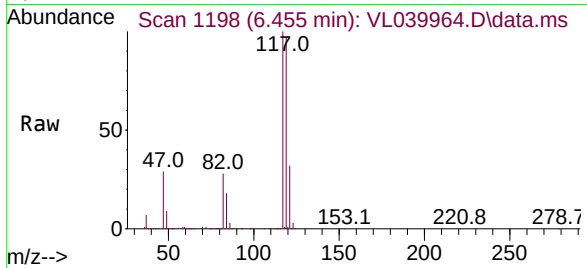




#35
Carbon Tetrachloride
Concen: 10.118 ppbv
RT: 6.455 min Scan# 1198
Delta R.T. -0.023 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

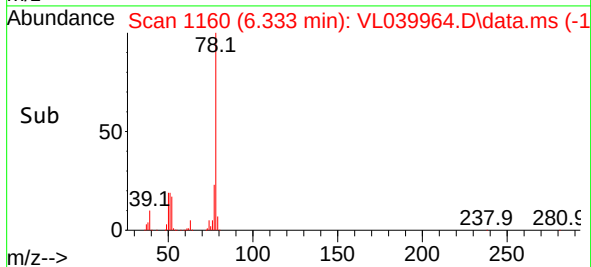
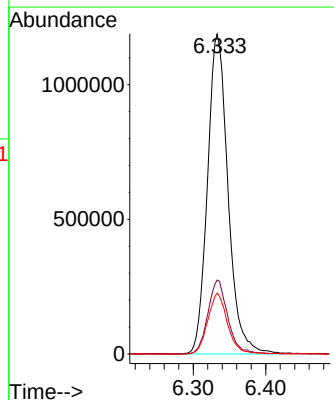
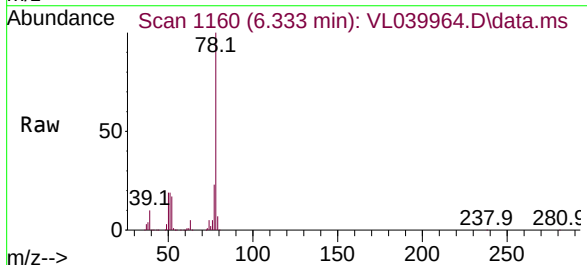
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

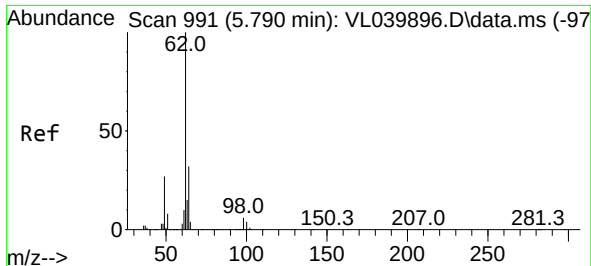
Tgt Ion:117 Resp: 1746002
Ion Ratio Lower Upper
117 100
119 96.9 74.7 112.1
121 32.4 24.5 36.7



#36
Benzene
Concen: 9.060 ppbv
RT: 6.333 min Scan# 1160
Delta R.T. -0.019 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion: 78 Resp: 2340039
Ion Ratio Lower Upper
78 100
77 23.1 18.2 27.2
50 19.0 15.8 23.8





#37

1,2-Dichloroethane

Concen: 9.061 ppbv

RT: 5.767 min Scan# 91

Delta R.T. -0.019 min

Lab File: VL039964.D

Acq: 2 Dec 2022 10:30

Instrument :

MSVOA_L

ClientSampleId :

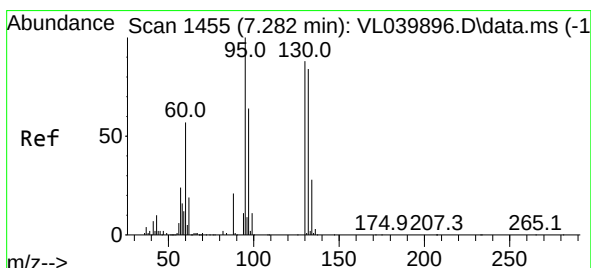
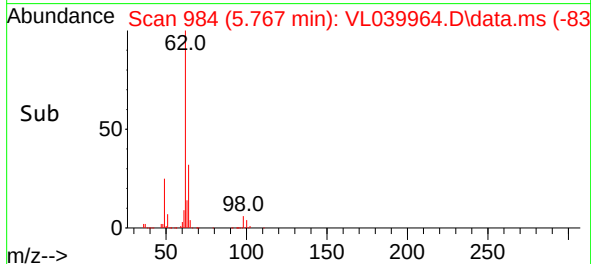
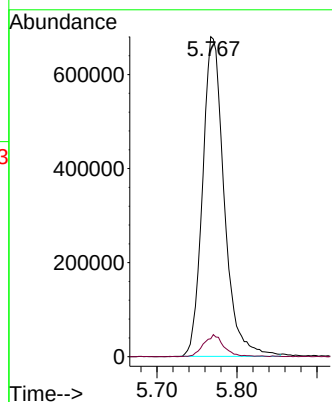
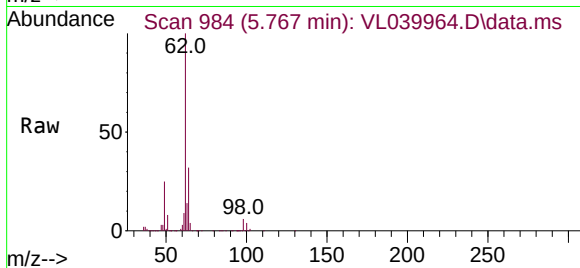
VSTDCCC010

Tgt Ion: 62 Resp: 1282561

Ion Ratio Lower Upper

62 100

98 6.6 5.0 7.6



#38

Trichloroethene

Concen: 9.120 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. -0.019 min

Lab File: VL039964.D

Acq: 2 Dec 2022 10:30

Tgt Ion:130 Resp: 1316747

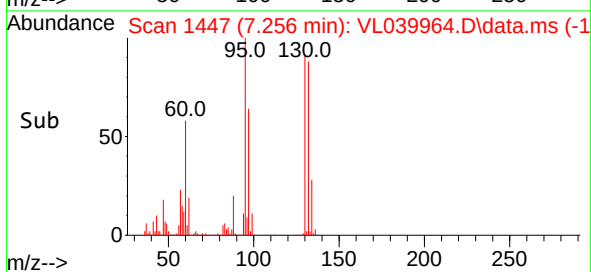
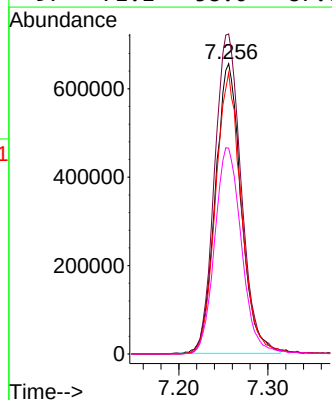
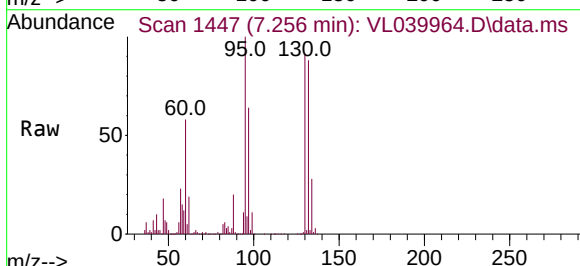
Ion Ratio Lower Upper

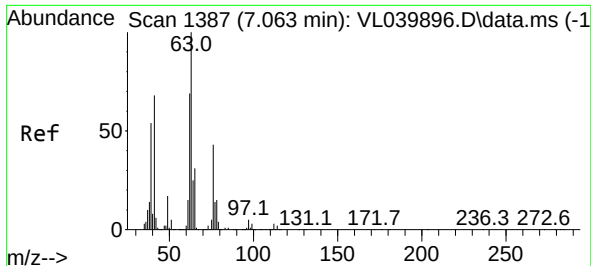
130 100

95 110.6 90.6 135.8

132 97.0 76.2 114.4

97 71.1 58.0 87.0





#39

1,2-Dichloropropane

Concen: 8.683 ppbv

RT: 7.034 min Scan# 11

Delta R.T. -0.023 min

Lab File: VL039964.D

Acq: 2 Dec 2022 10:30

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

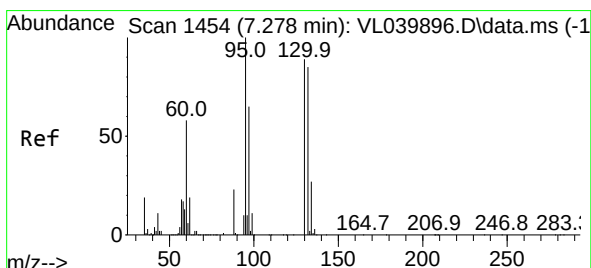
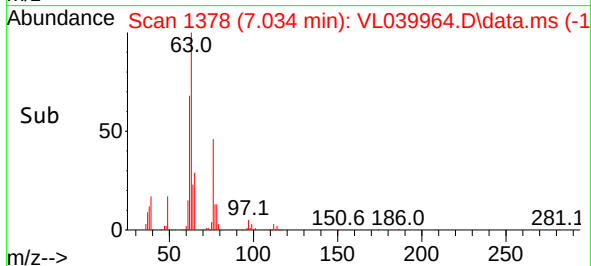
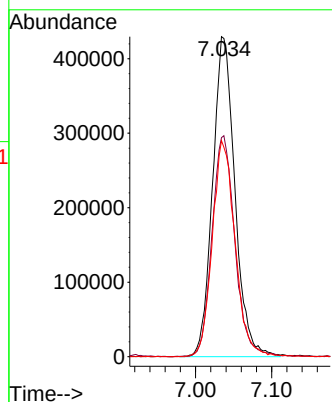
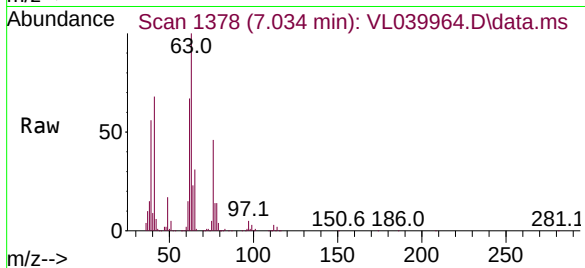
Tgt Ion: 63 Resp: 873731

Ion Ratio Lower Upper

63 100

41 68.3 54.7 82.1

62 67.5 55.0 82.6



#40

1,4-Dioxane

Concen: 8.355 ppbv

RT: 7.253 min Scan# 1446

Delta R.T. -0.019 min

Lab File: VL039964.D

Acq: 2 Dec 2022 10:30

Tgt Ion: 88 Resp: 334935

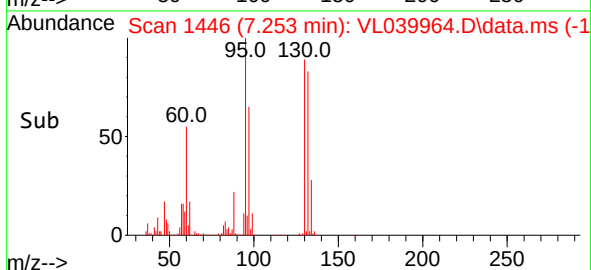
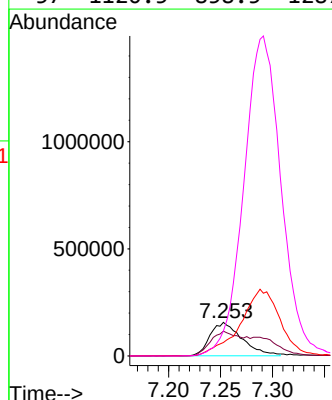
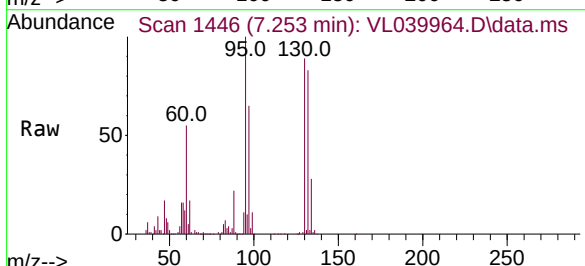
Ion Ratio Lower Upper

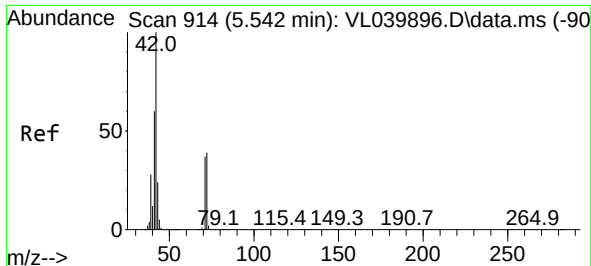
88 100

58 122.2 100.5 150.7

43 249.4 195.8 293.8

57 1120.5 858.5 1287.7





#41

Tetrahydrofuran

Concen: 8.571 ppbv

RT: 5.520 min Scan# 90

Delta R.T. -0.019 min

Lab File: VL039964.D

Acq: 2 Dec 2022 10:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

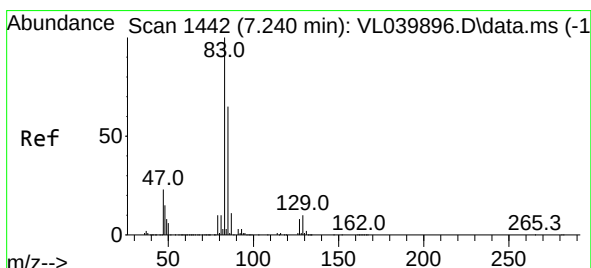
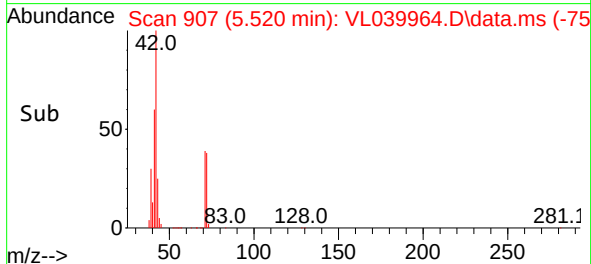
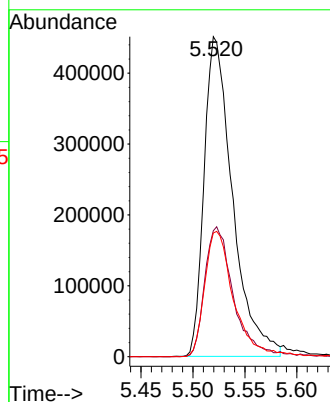
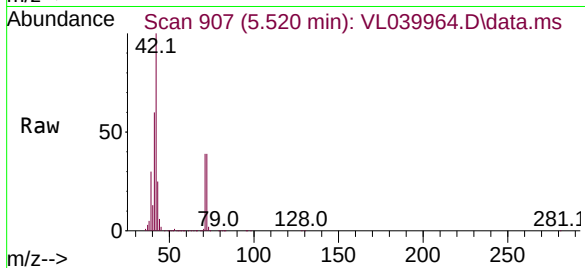
Tgt Ion: 42 Resp: 860318

Ion Ratio Lower Upper

42 100

72 41.5 31.6 47.4

71 40.4 31.2 46.8



#42

Bromodichloromethane

Concen: 9.778 ppbv

RT: 7.211 min Scan# 1433

Delta R.T. -0.023 min

Lab File: VL039964.D

Acq: 2 Dec 2022 10:30

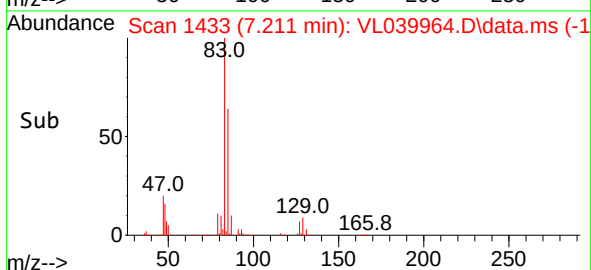
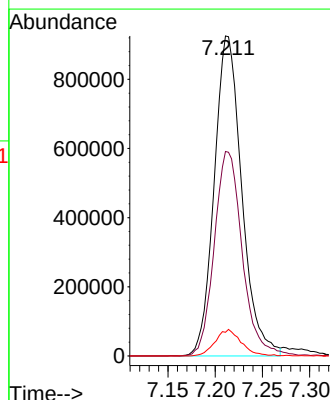
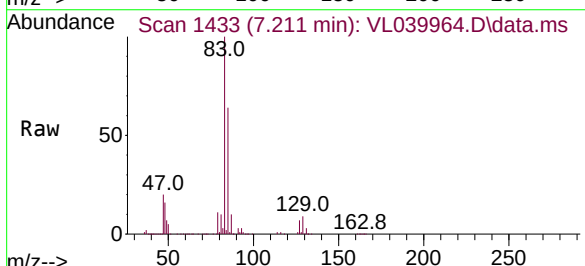
Tgt Ion: 83 Resp: 1876972

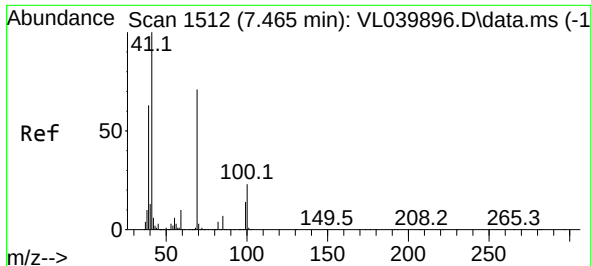
Ion Ratio Lower Upper

83 100

85 63.9 52.0 78.0

127 7.4 6.5 9.7

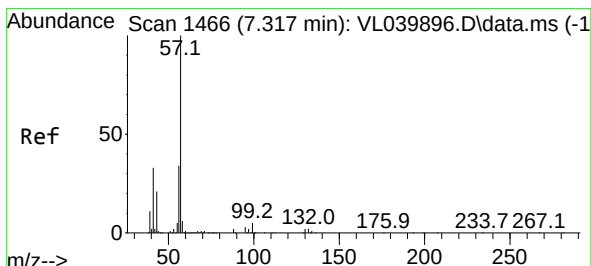
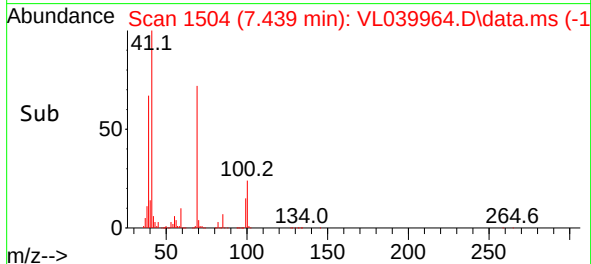
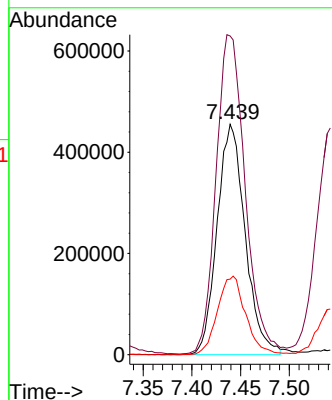
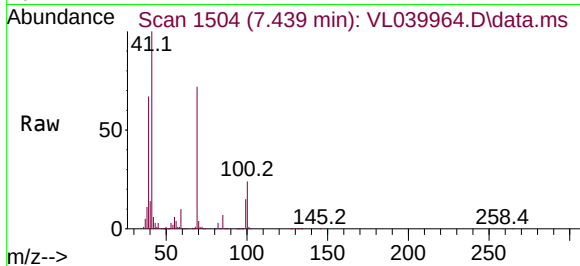




#43
Methyl Methacrylate
Concen: 9.002 ppbv
RT: 7.439 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

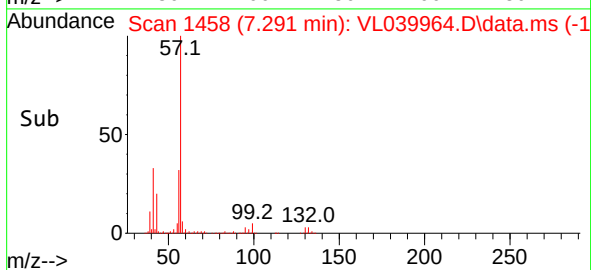
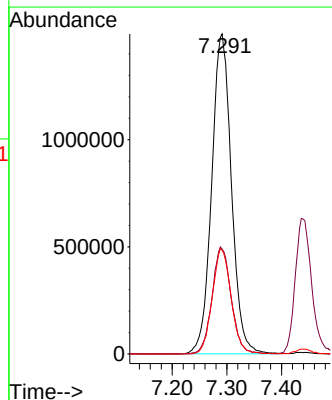
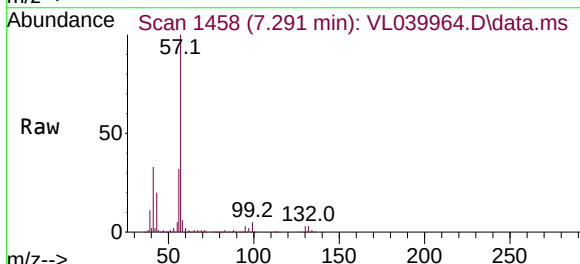
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

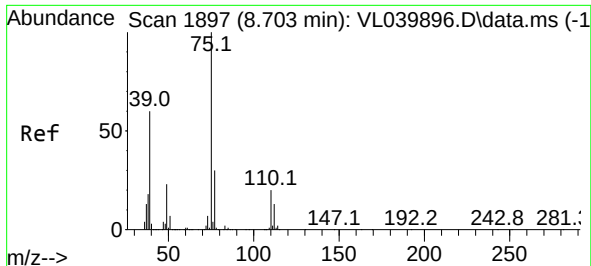
Tgt Ion: 69 Resp: 911566
Ion Ratio Lower Upper
69 100
41 143.8 116.4 174.6
100 34.3 26.8 40.2



#44
2,2,4-Trimethylpentane
Concen: 8.688 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.019 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion: 57 Resp: 3746199
Ion Ratio Lower Upper
57 100
41 32.5 26.2 39.2
56 31.5 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 9.163 ppbv

RT: 8.674 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL039964.D

Acq: 2 Dec 2022 10:30

Instrument :

MSVOA_1

ClientSampleId :

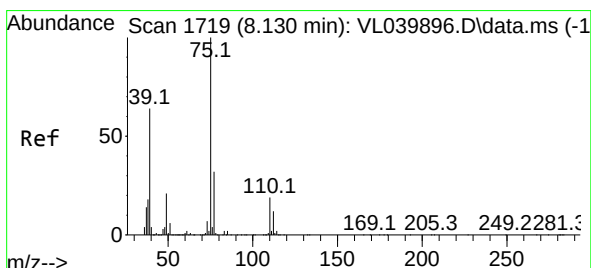
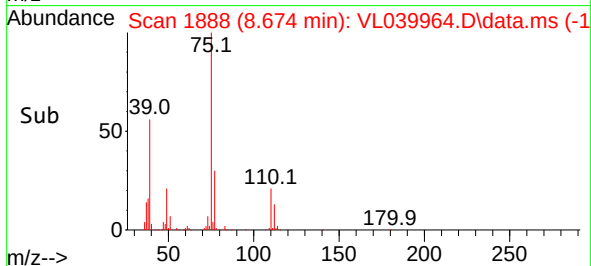
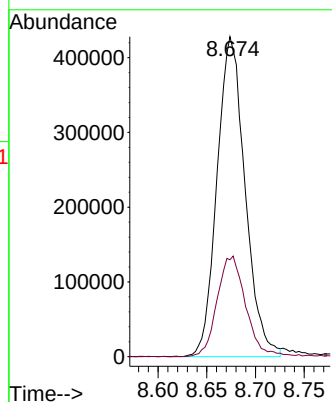
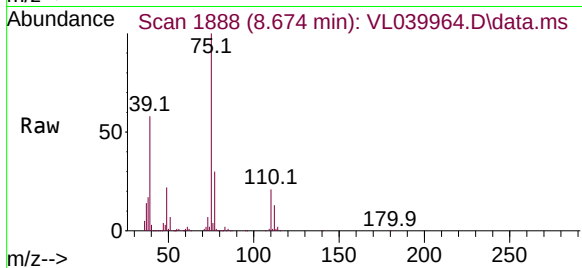
VSTDCCC010

Tgt Ion: 75 Resp: 857284

Ion Ratio Lower Upper

75 100

77 30.3 24.2 36.4



#46

cis-1,3-Dichloropropene

Concen: 9.092 ppbv

RT: 8.108 min Scan# 1712

Delta R.T. -0.019 min

Lab File: VL039964.D

Acq: 2 Dec 2022 10:30

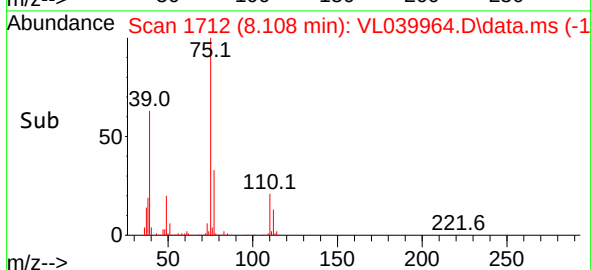
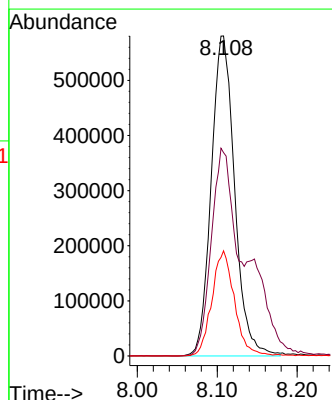
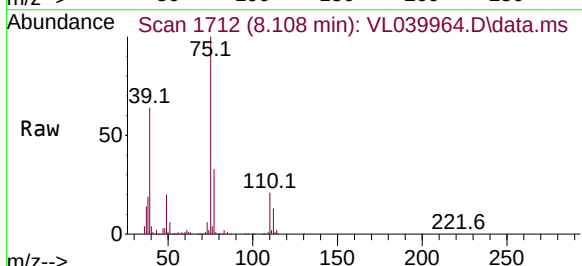
Tgt Ion: 75 Resp: 1178338

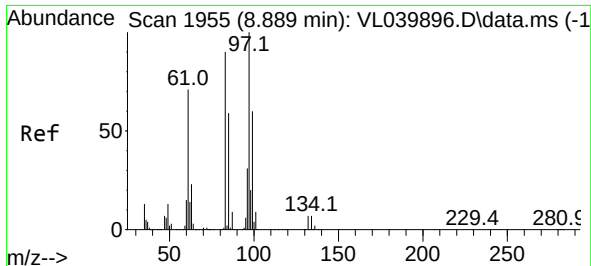
Ion Ratio Lower Upper

75 100

39 63.5 51.0 76.4

77 32.9 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 9.134 ppbv

RT: 8.864 min Scan# 1955

Delta R.T. -0.019 min

Lab File: VL039964.D

Acq: 2 Dec 2022 10:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 944685

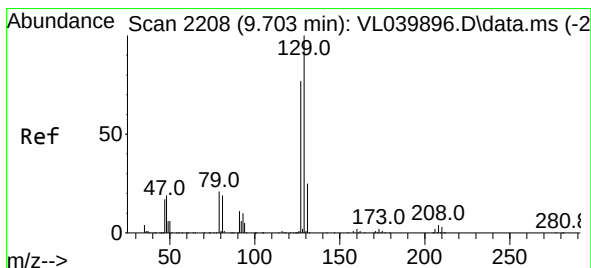
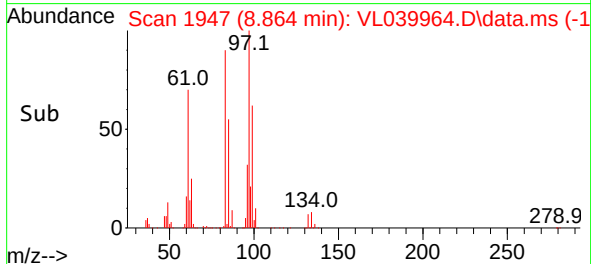
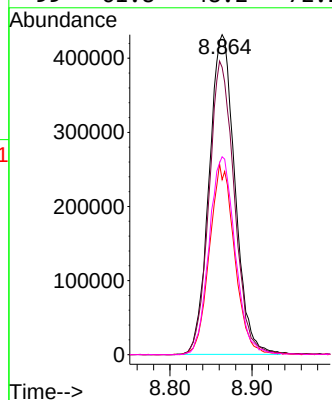
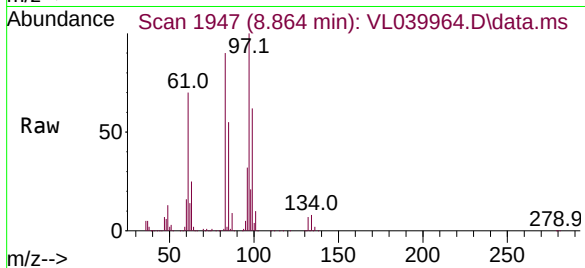
Ion Ratio Lower Upper

97 100

83 89.7 72.1 108.1

85 54.8 47.2 70.8

99 61.8 48.2 72.2



#48

Dibromochloromethane

Concen: 10.481 ppbv

RT: 9.677 min Scan# 2200

Delta R.T. -0.019 min

Lab File: VL039964.D

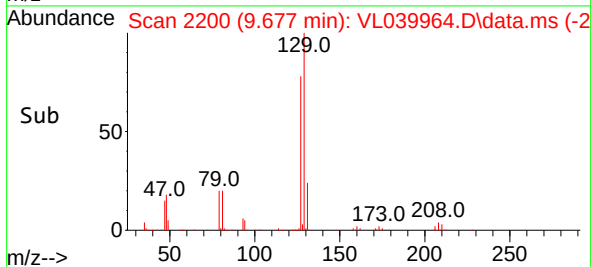
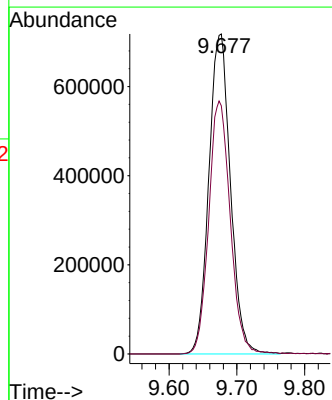
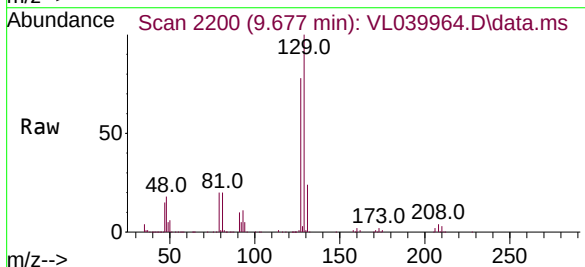
Acq: 2 Dec 2022 10:30

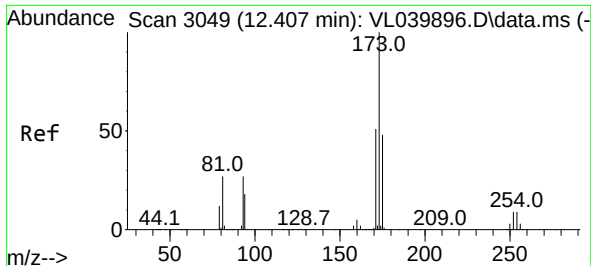
Tgt Ion: 129 Resp: 1587697

Ion Ratio Lower Upper

129 100

127 78.8 39.1 117.3

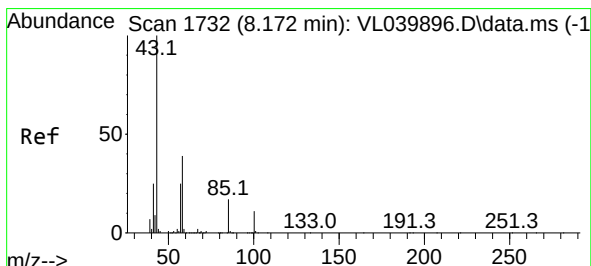
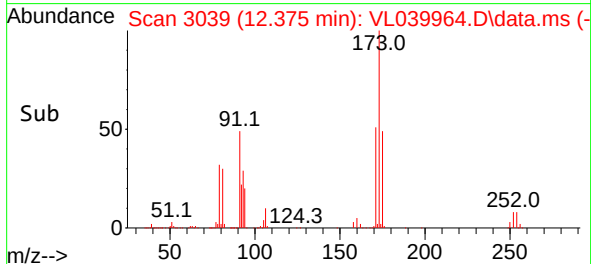
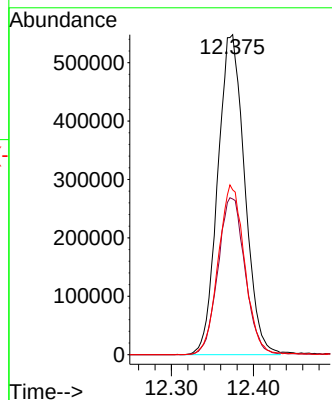
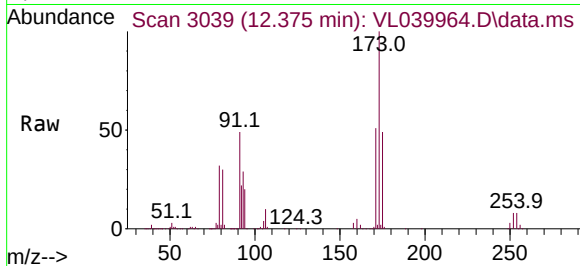




#49
Bromoform
Concen: 10.199 ppbv
RT: 12.375 min Scan# 3049
Delta R.T. -0.023 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

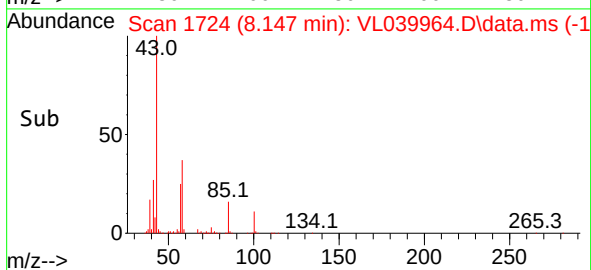
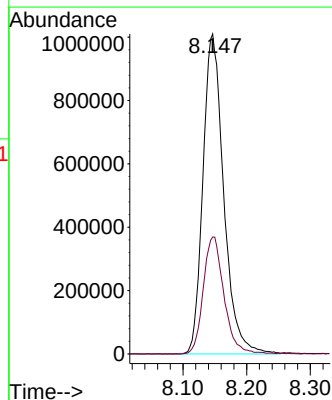
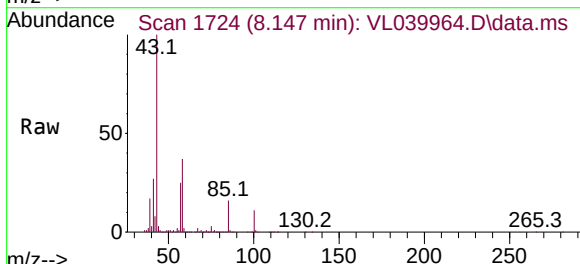
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

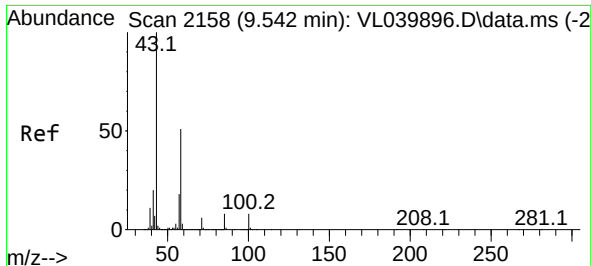
Tgt Ion:173 Resp: 1250599
Ion Ratio Lower Upper
173 100
175 49.6 39.1 58.7
171 52.3 41.8 62.8



#50
4-Methyl-2-Pentanone
Concen: 8.793 ppbv
RT: 8.147 min Scan# 1724
Delta R.T. -0.019 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion: 43 Resp: 2289735
Ion Ratio Lower Upper
43 100
58 36.6 29.8 44.6

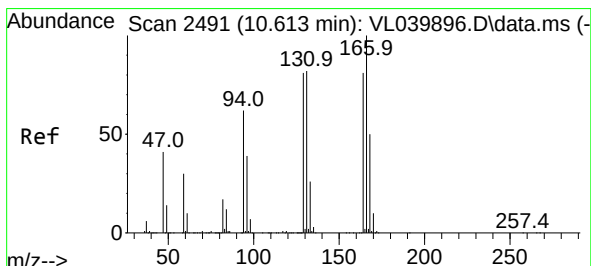
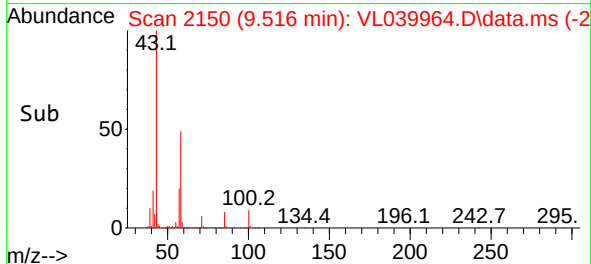
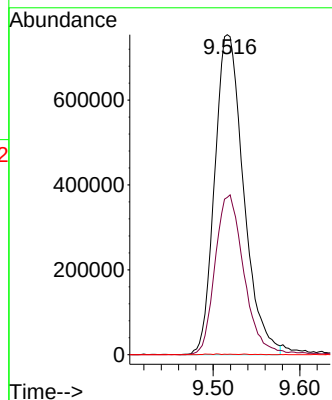
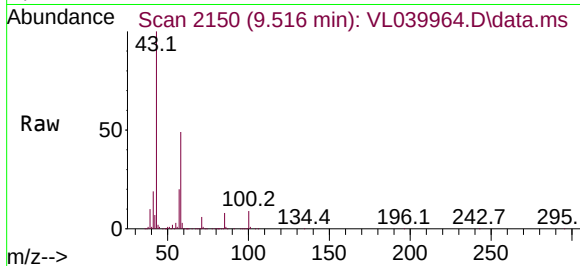




#51
2-Hexanone
Concen: 8.660 ppbv
RT: 9.516 min Scan# 2158
Delta R.T. -0.023 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

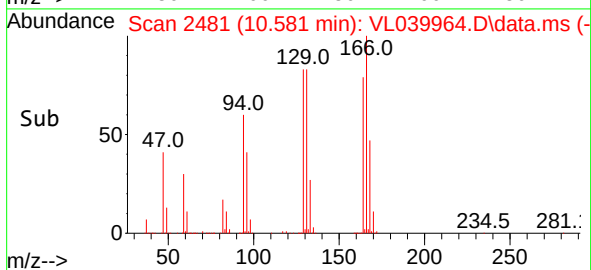
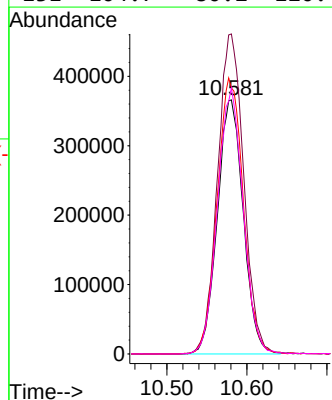
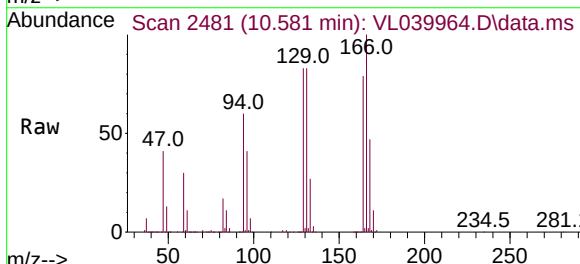
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

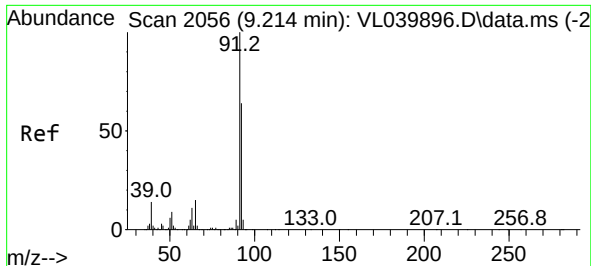
Tgt Ion: 43 Resp: 1750701
Ion Ratio Lower Upper
43 100
58 50.3 40.2 60.4
98 0.1 0.1 0.1



#52
Tetrachloroethene
Concen: 8.487 ppbv
RT: 10.581 min Scan# 2481
Delta R.T. -0.023 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion: 164 Resp: 820024
Ion Ratio Lower Upper
164 100
166 125.9 98.3 147.5
129 104.7 79.7 119.5
131 104.7 80.2 120.4

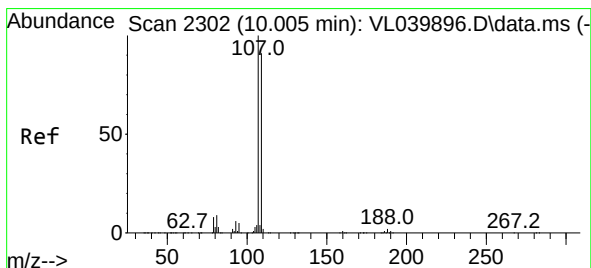
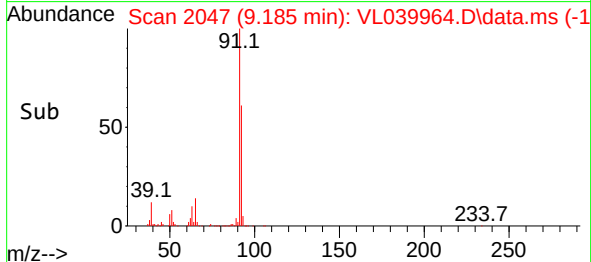
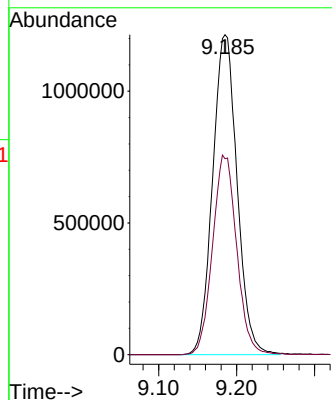
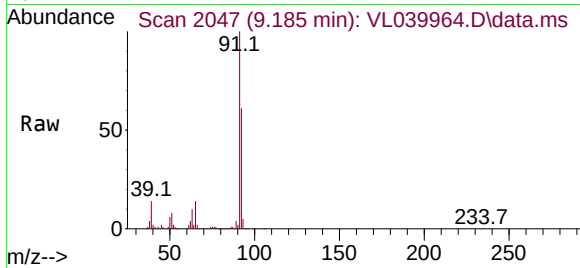




#53
Toluene
Concen: 9.026 ppbv
RT: 9.185 min Scan# 2047
Delta R.T. -0.019 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

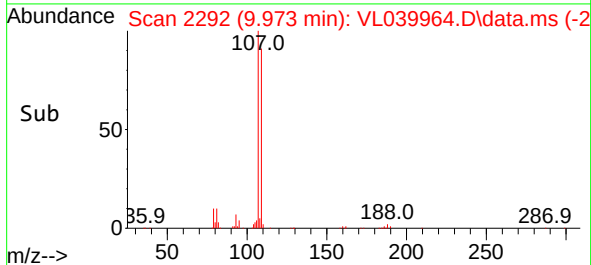
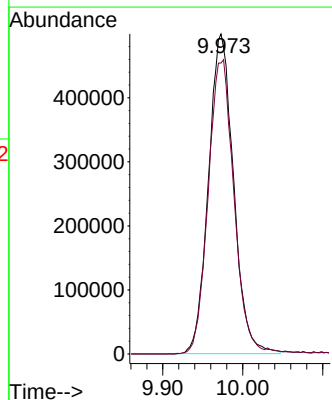
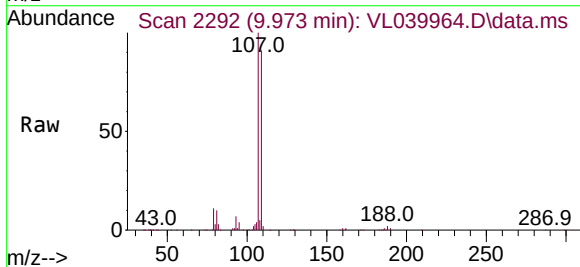
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

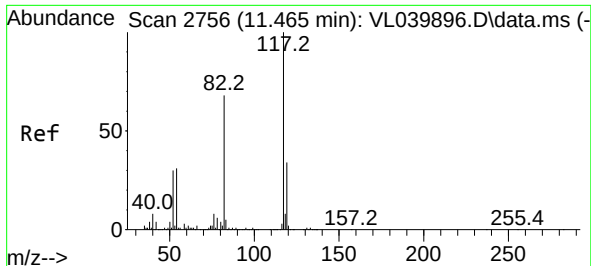
Tgt Ion: 91 Resp: 2655632
Ion Ratio Lower Upper
91 100
92 61.6 49.8 74.6



#54
1,2-Dibromoethane
Concen: 9.837 ppbv
RT: 9.973 min Scan# 2292
Delta R.T. -0.023 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion: 107 Resp: 1085687
Ion Ratio Lower Upper
107 100
109 90.9 72.8 109.2

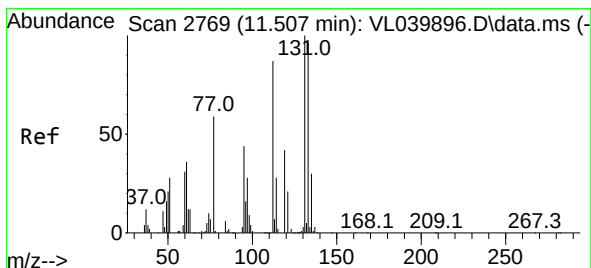
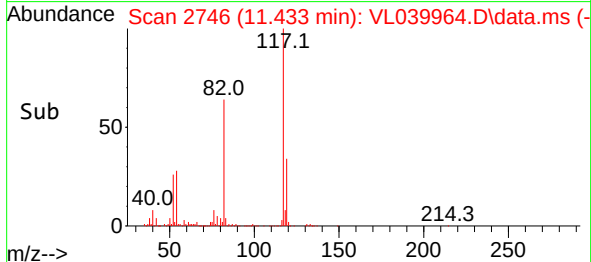
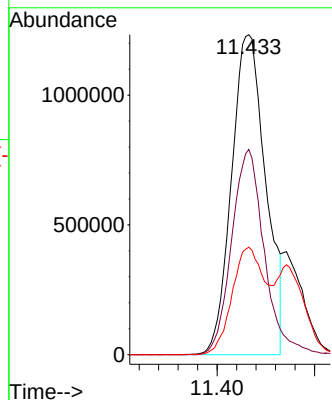
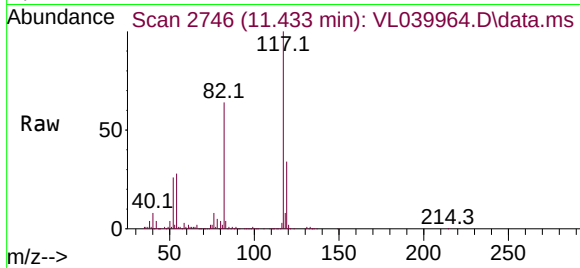




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.433 min Scan# 2756
Delta R.T. -0.019 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

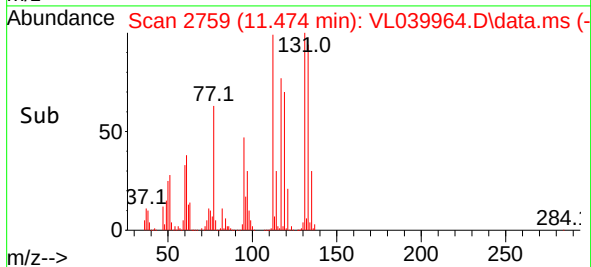
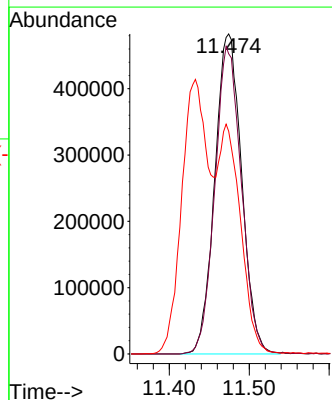
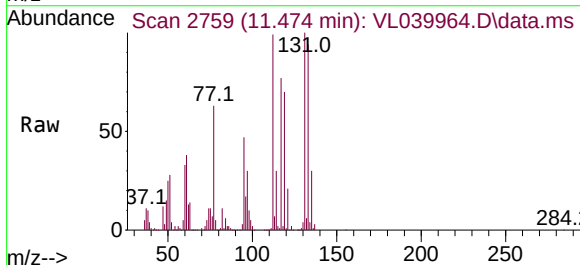
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

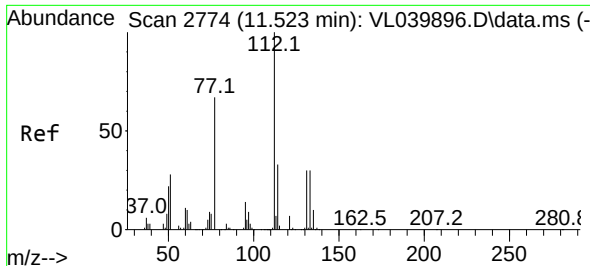
Tgt Ion:117 Resp: 3000571
Ion Ratio Lower Upper
117 100
82 61.9 52.3 78.5
119 32.1 25.7 38.5



#56
1,1,1,2-Tetrachloroethane
Concen: 9.167 ppbv
RT: 11.474 min Scan# 2759
Delta R.T. -0.023 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion:131 Resp: 1124355
Ion Ratio Lower Upper
131 100
133 95.1 76.7 115.1
119 67.2 46.6 69.8

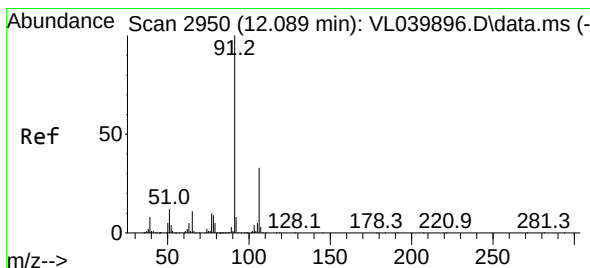
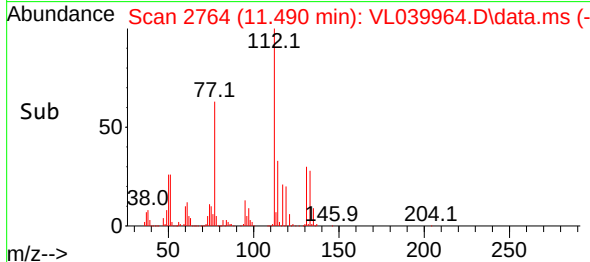
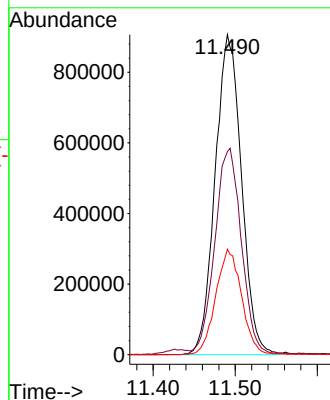
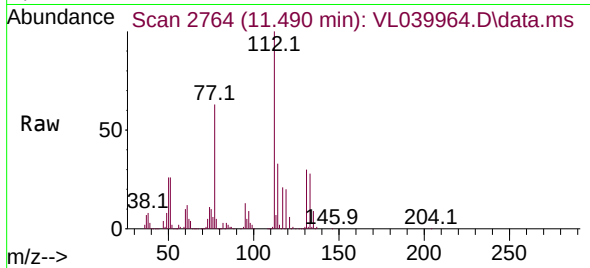




#57
Chlorobenzene
Concen: 8.828 ppbv
RT: 11.490 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

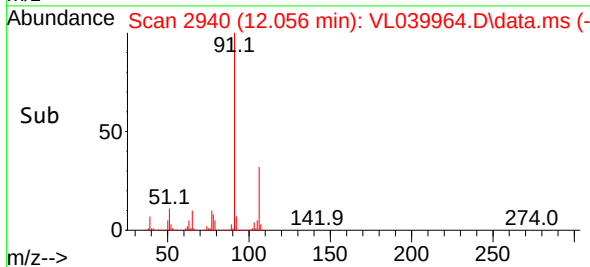
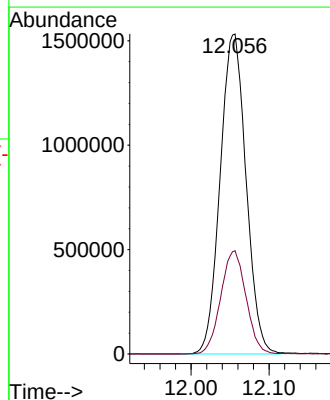
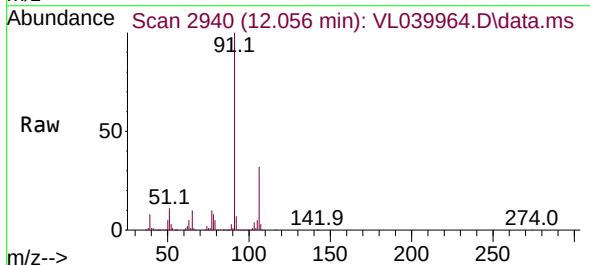
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

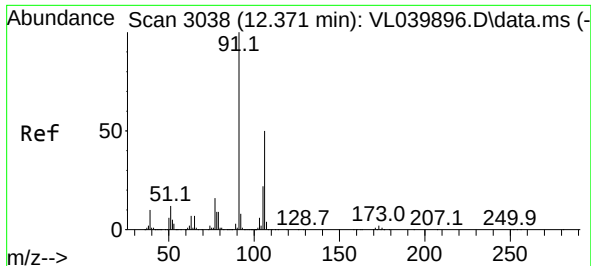
Tgt Ion:112 Resp: 2025320
Ion Ratio Lower Upper
112 100
77 62.9 54.6 81.8
114 32.9 30.1 36.7



#58
Ethyl Benzene
Concen: 8.681 ppbv
RT: 12.056 min Scan# 2940
Delta R.T. -0.019 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion: 91 Resp: 3533884
Ion Ratio Lower Upper
91 100
106 32.3 26.1 39.1





#59

m/p-Xylene

Concen: 6.998 ppbv

RT: 12.339 min Scan# 3038

Delta R.T. -0.019 min

Lab File: VL039964.D

Acq: 2 Dec 2022 10:30

Instrument :

MSVOA_L

ClientSampleId :

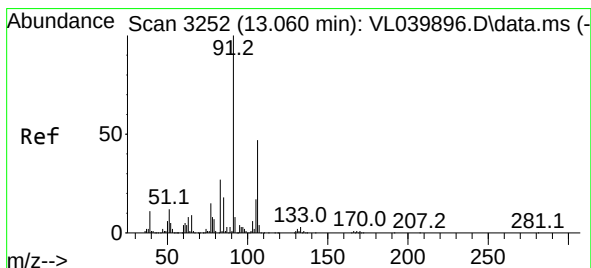
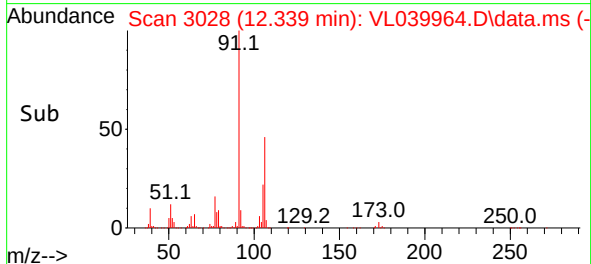
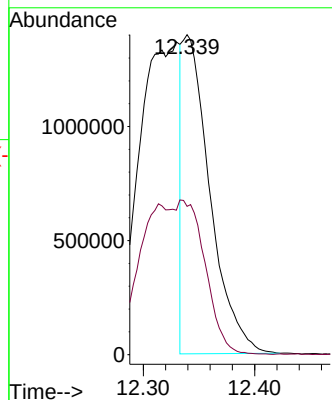
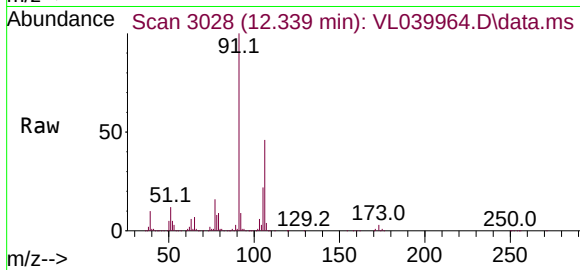
VSTDCCC010

Tgt Ion: 91 Resp: 2384252

Ion Ratio Lower Upper

91 100

106 0.0 37.0 55.6#



#60

o-Xylene

Concen: 8.672 ppbv

RT: 13.027 min Scan# 3242

Delta R.T. -0.019 min

Lab File: VL039964.D

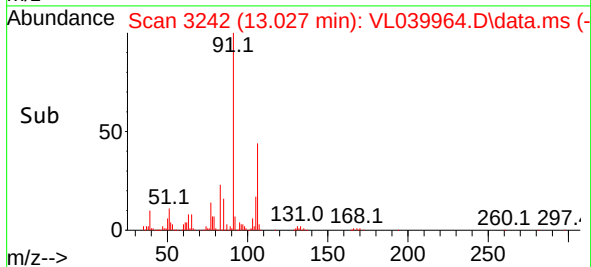
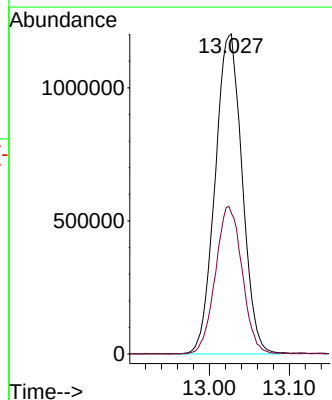
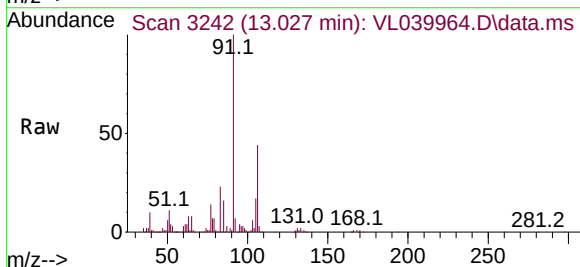
Acq: 2 Dec 2022 10:30

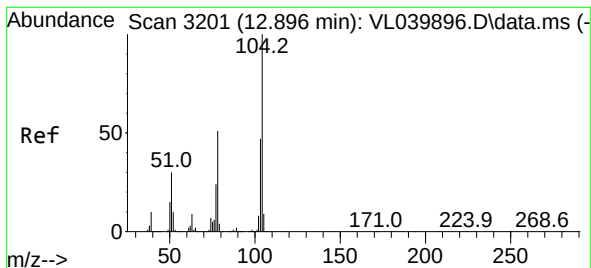
Tgt Ion: 91 Resp: 2817657

Ion Ratio Lower Upper

91 100

106 45.8 23.2 69.6





#61

Styrene

Concen: 8.857 ppbv

RT: 12.863 min Scan# 31

Delta R.T. -0.026 min

Lab File: VL039964.D

Acq: 2 Dec 2022 10:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

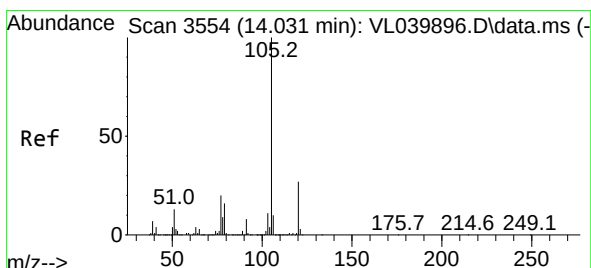
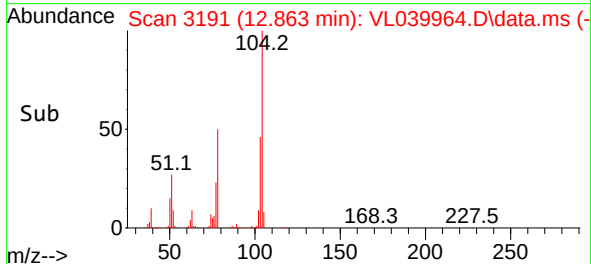
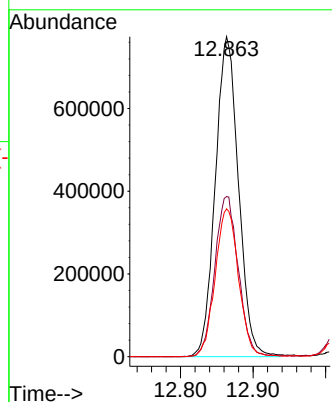
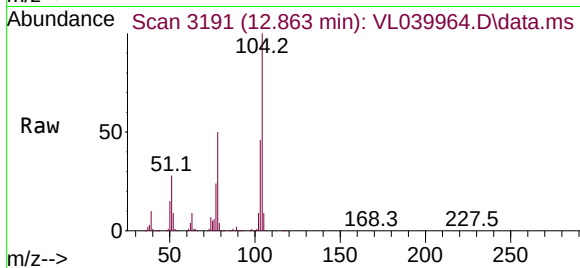
Tgt Ion:104 Resp: 1717858

Ion Ratio Lower Upper

104 100

78 51.0 41.8 62.8

103 46.8 37.2 55.8



#62

Isopropylbenzene

Concen: 8.694 ppbv

RT: 13.995 min Scan# 3543

Delta R.T. -0.023 min

Lab File: VL039964.D

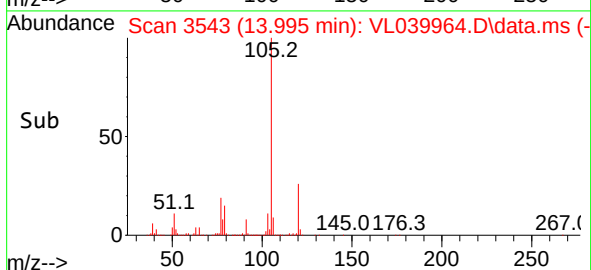
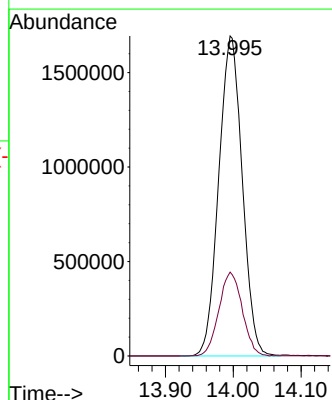
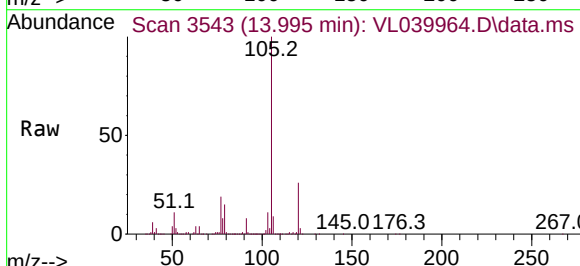
Acq: 2 Dec 2022 10:30

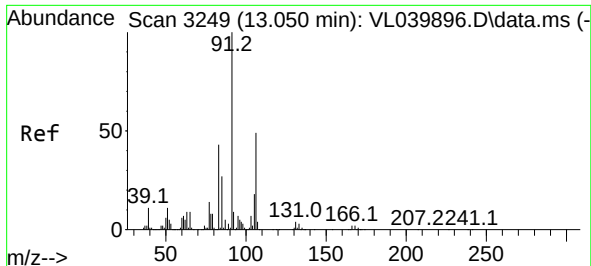
Tgt Ion:105 Resp: 4073500

Ion Ratio Lower Upper

105 100

120 26.1 21.4 32.2

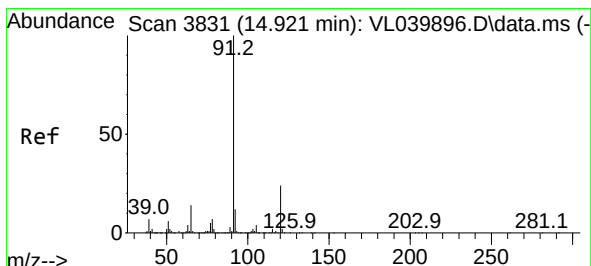
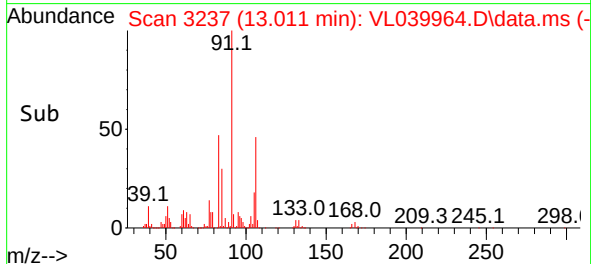
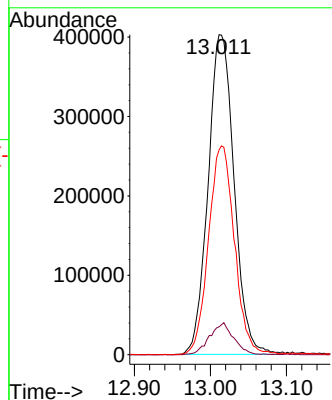
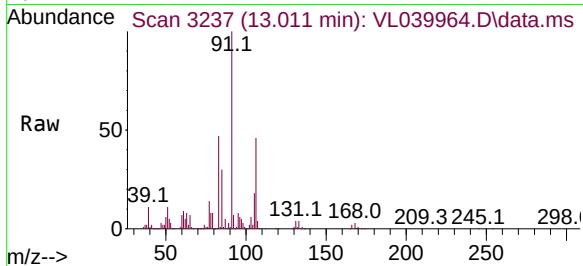




#63
1,1,2,2-Tetrachloroethane
Concen: 8.809 ppbv
RT: 13.011 min Scan# 31
Delta R.T. -0.023 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

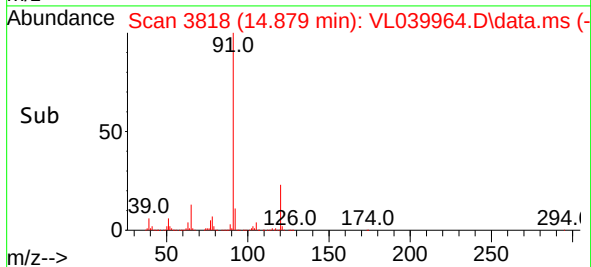
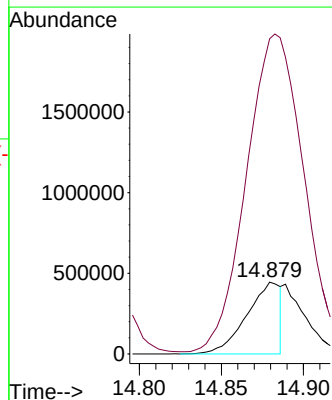
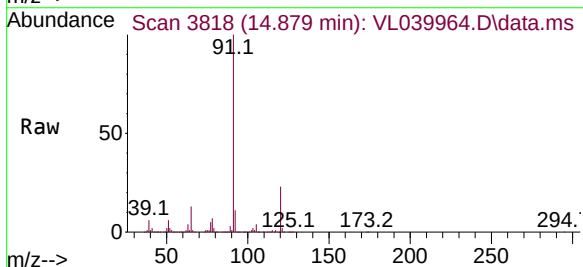
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

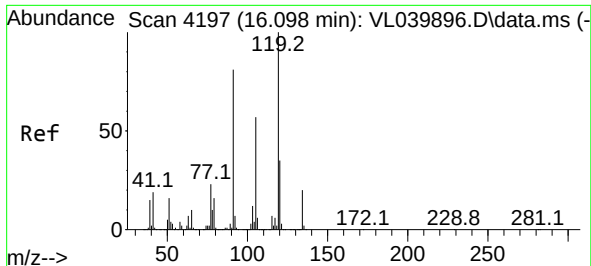
Tgt Ion: 83 Resp: 955756
Ion Ratio Lower Upper
83 100
131 9.3 4.6 13.8
85 65.3 33.0 99.0



#64
n-propylbenzene
Concen: 5.194 ppbv
RT: 14.879 min Scan# 3818
Delta R.T. -0.026 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion: 120 Resp: 636607
Ion Ratio Lower Upper
120 100
91 764.7 353.7 530.5#

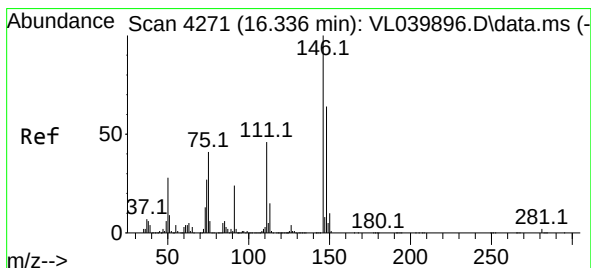
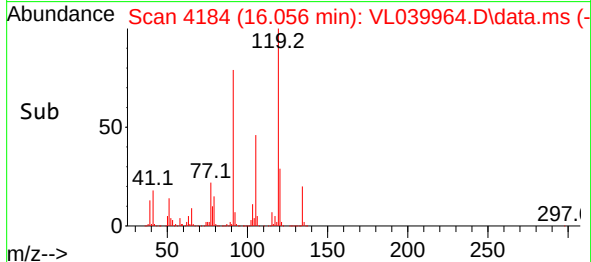
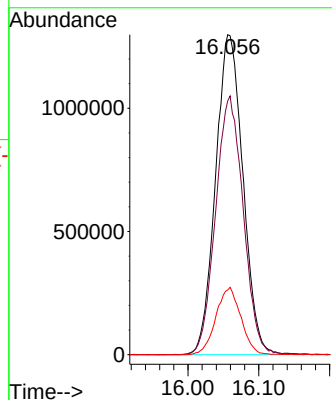
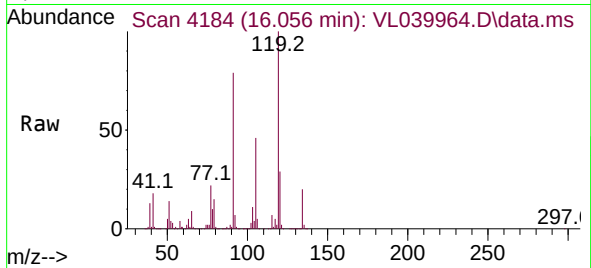




#65
tert-Butylbenzene
Concen: 8.494 ppbv
RT: 16.056 min Scan# 4197
Delta R.T. -0.023 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

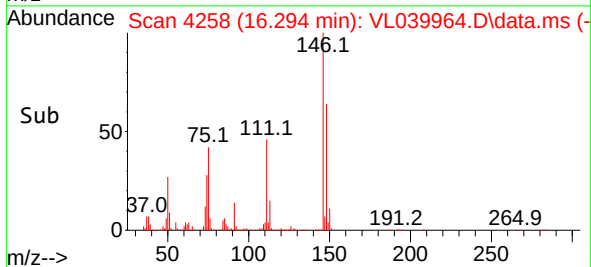
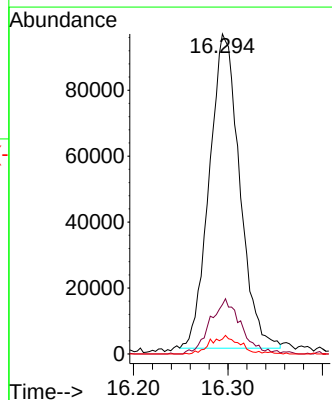
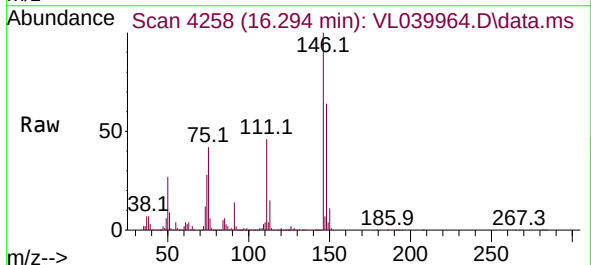
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

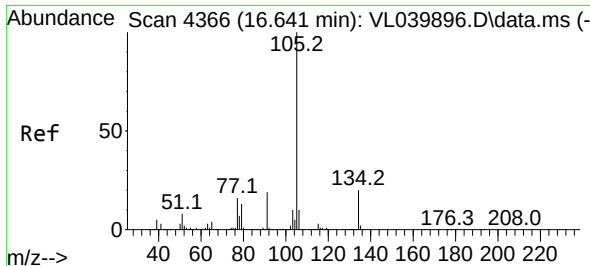
Tgt Ion:119 Resp: 3481422
Ion Ratio Lower Upper
119 100
91 81.6 65.8 98.8
134 19.3 16.1 24.1



#66
Benzyl Chloride
Concen: 6.050 ppbv
RT: 16.294 min Scan# 4258
Delta R.T. -0.023 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion: 91 Resp: 212497
Ion Ratio Lower Upper
91 100
126 18.1 15.0 22.6
128 5.7 4.6 7.0





#67

sec-Butylbenzene

Concen: 8.537 ppbv

RT: 16.603 min Scan# 41

Delta R.T. -0.023 min

Lab File: VL039964.D

Acq: 2 Dec 2022 10:30

Instrument :

MSVOA_1

ClientSampleId :

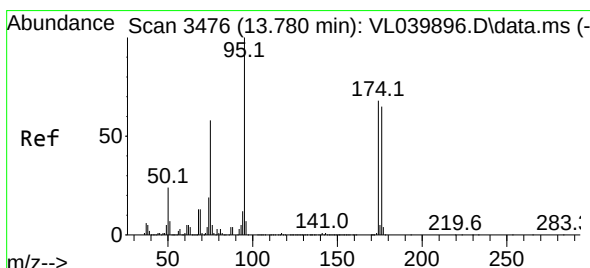
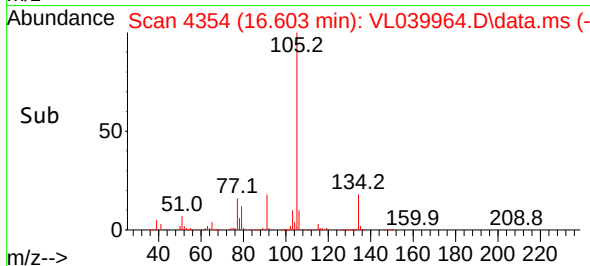
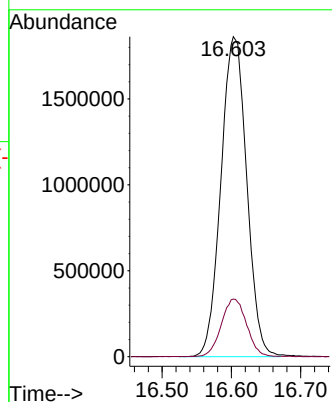
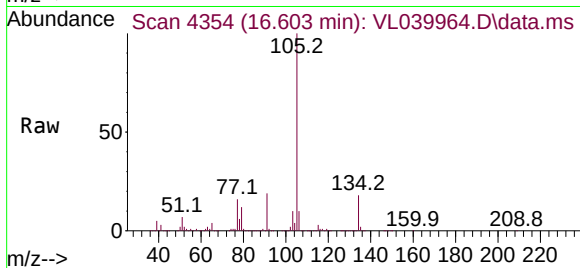
VSTDCCC010

Tgt Ion:105 Resp: 4811420

Ion Ratio Lower Upper

105 100

134 17.8 15.0 22.6



#68

1-Bromo-4-Fluorobenzene

Concen: 9.926 ppbv

RT: 13.741 min Scan# 3464

Delta R.T. -0.023 min

Lab File: VL039964.D

Acq: 2 Dec 2022 10:30

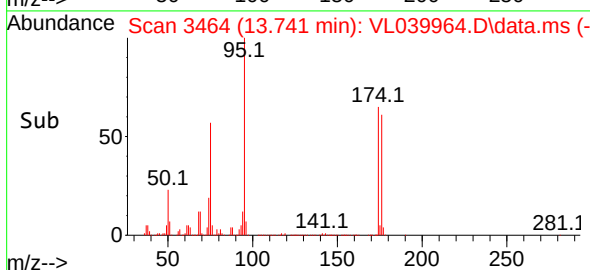
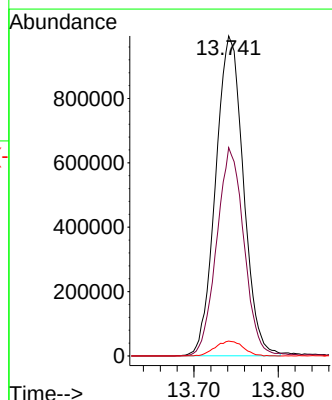
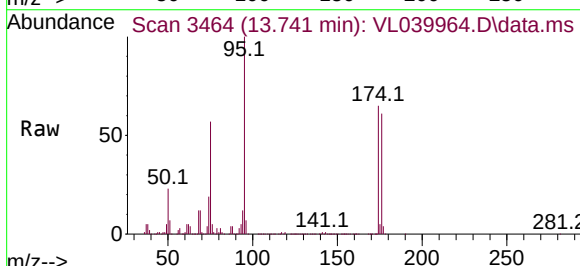
Tgt Ion: 95 Resp: 2274901

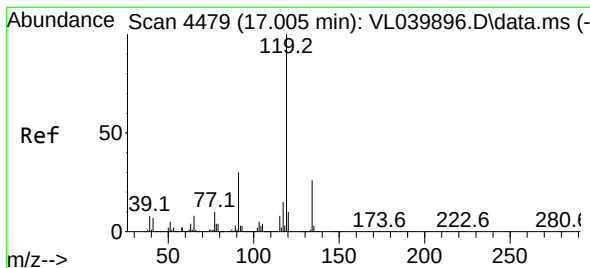
Ion Ratio Lower Upper

95 100

174 64.2 53.7 80.5

175 4.7 4.0 6.0

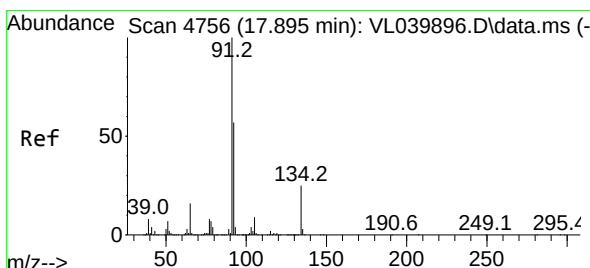
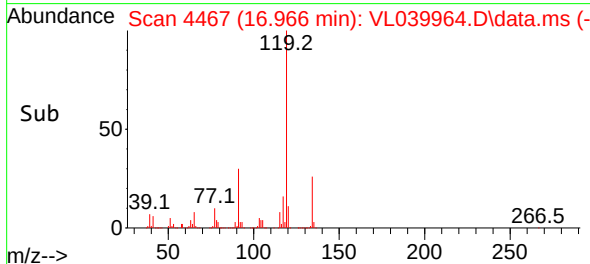
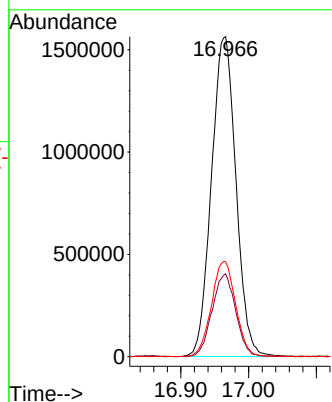
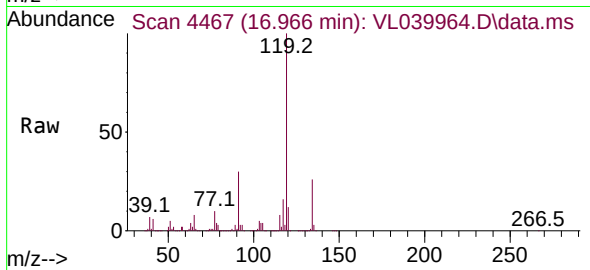




#69
p-Isopropyltoluene
Concen: 8.447 ppbv
RT: 16.966 min Scan# 4479
Delta R.T. -0.019 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

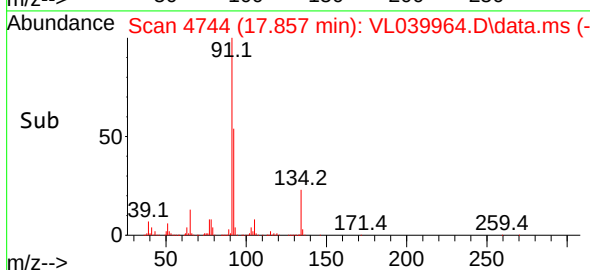
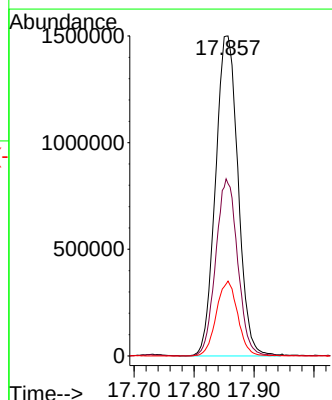
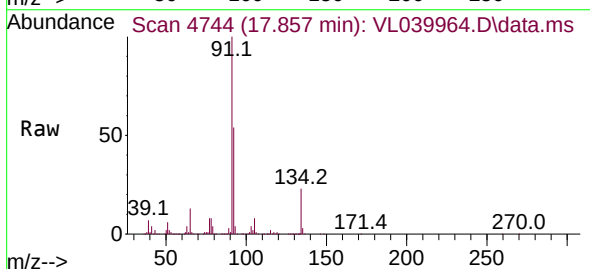
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

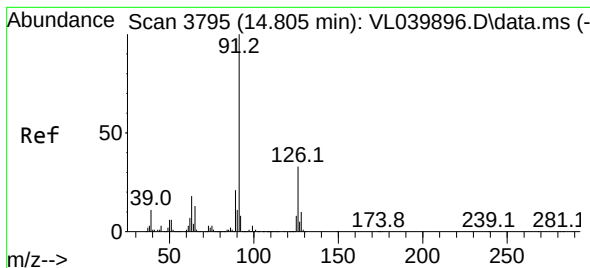
Tgt Ion:119 Resp: 3921491
Ion Ratio Lower Upper
119 100
134 25.1 21.0 31.4
91 29.4 24.4 36.6



#70
n-Butylbenzene
Concen: 8.484 ppbv
RT: 17.857 min Scan# 4744
Delta R.T. -0.019 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion: 91 Resp: 3904772
Ion Ratio Lower Upper
91 100
92 53.8 44.2 66.2
134 22.3 18.8 28.2

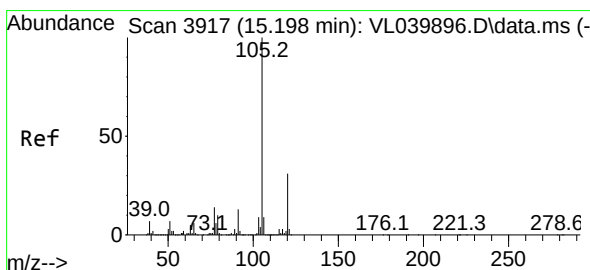
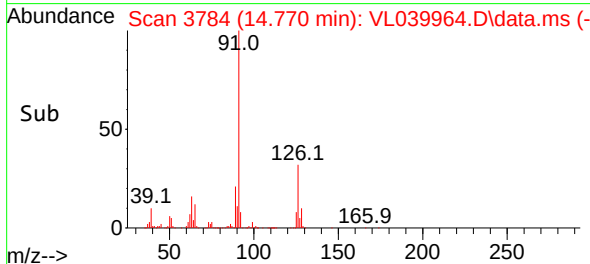
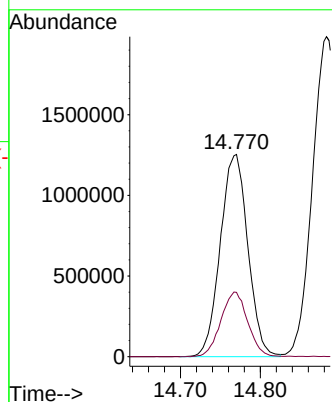
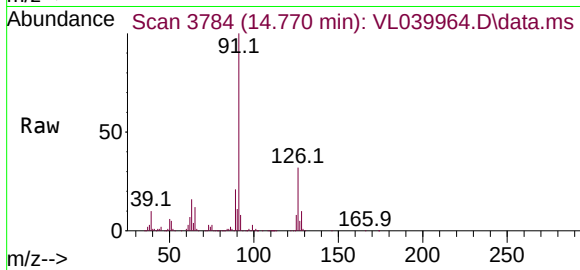




#71
2-Chlorotoluene
Concen: 8.442 ppbv
RT: 14.770 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

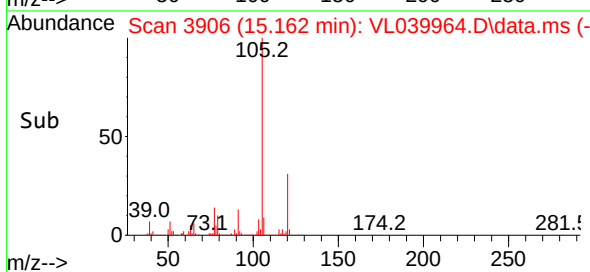
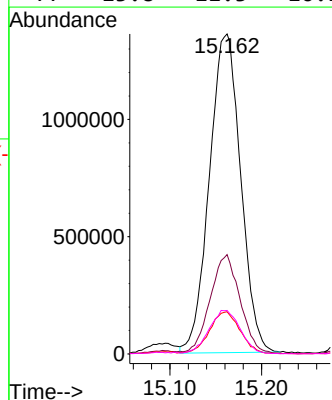
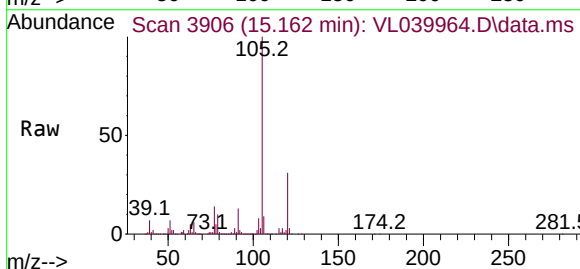
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

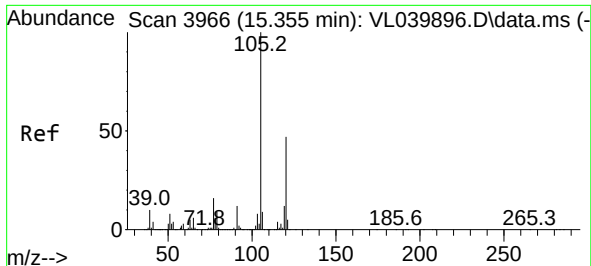
Tgt Ion: 91 Resp: 2997955
Ion Ratio Lower Upper
91 100
126 31.3 12.8 51.0



#72
4-Ethyltoluene
Concen: 8.830 ppbv
RT: 15.162 min Scan# 3906
Delta R.T. -0.019 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion: 105 Resp: 3224780
Ion Ratio Lower Upper
105 100
120 30.2 24.5 36.7
91 12.9 10.4 15.6
77 13.8 11.3 16.9

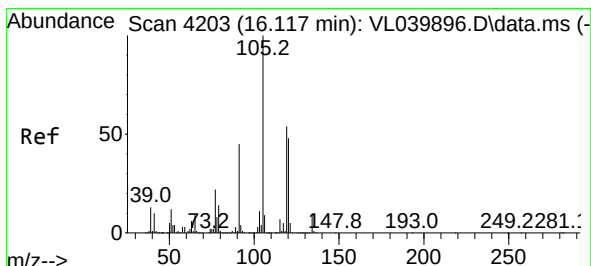
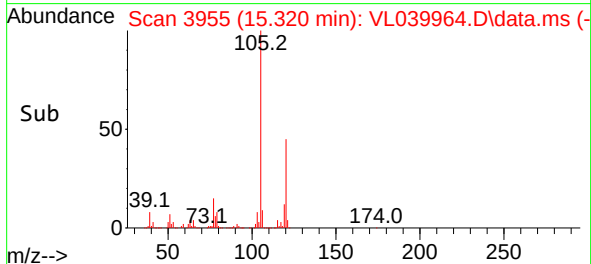
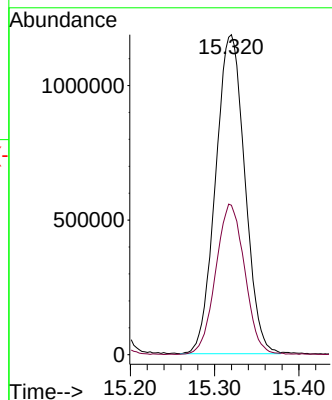
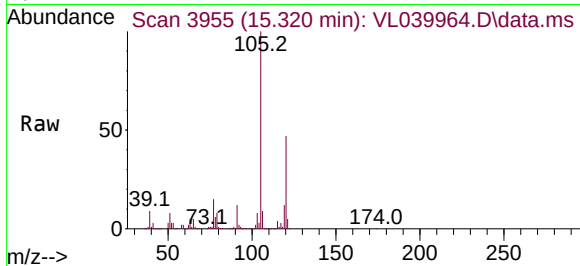




#73
1,3,5-Trimethylbenzene
Concen: 8.533 ppbv
RT: 15.320 min Scan# 3966
Delta R.T. -0.023 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

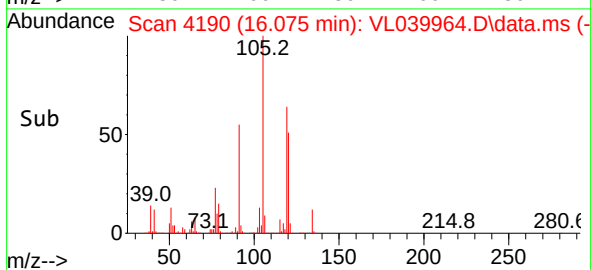
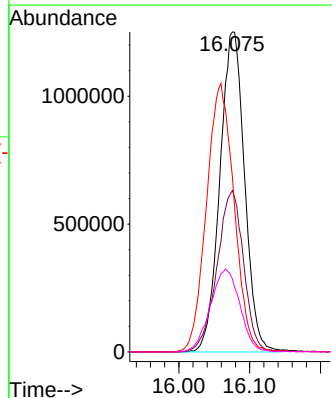
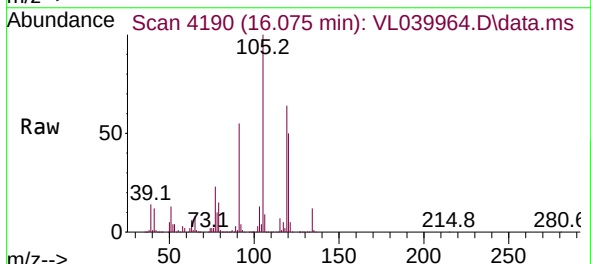
Instrument :
MSVOA_L
ClientSampleId :
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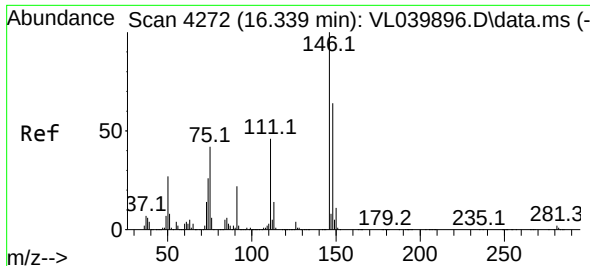
Tgt Ion:105 Resp: 2852883
Ion Ratio Lower Upper
105 100
120 46.7 37.9 56.9



#74
1,2,4-Trimethylbenzene
Concen: 8.565 ppbv
RT: 16.075 min Scan# 4190
Delta R.T. -0.023 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion:105 Resp: 3031667
Ion Ratio Lower Upper
105 100
120 50.4 38.7 58.1
91 54.5 36.4 54.6
77 22.8 17.4 26.0

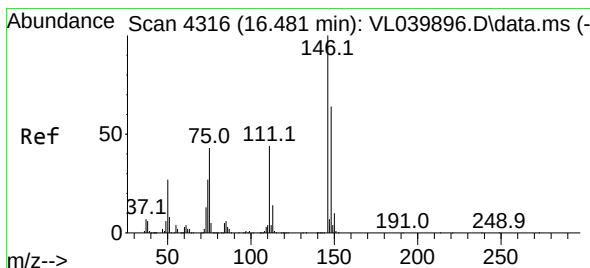
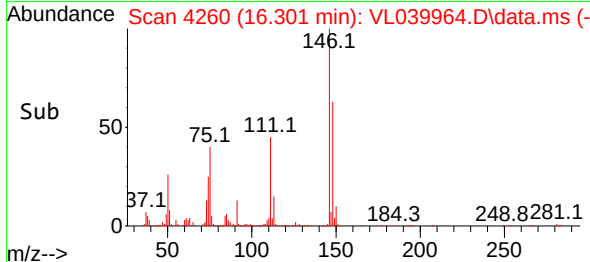
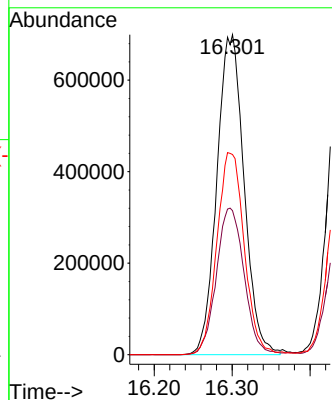
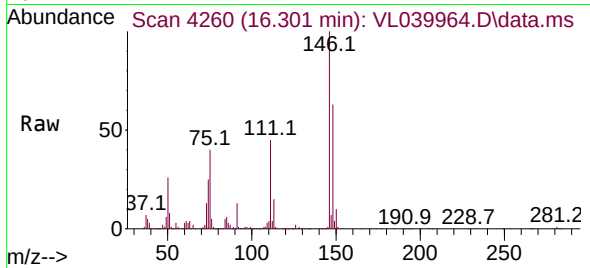




#75
1,3-Dichlorobenzene
Concen: 8.514 ppbv
RT: 16.301 min Scan# 41
Delta R.T. -0.023 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

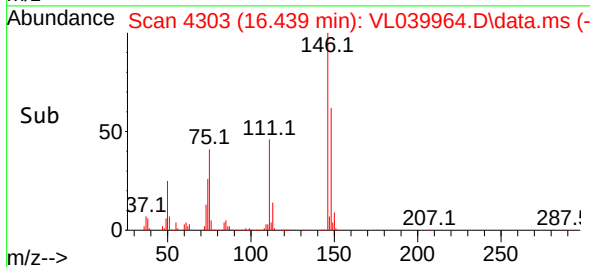
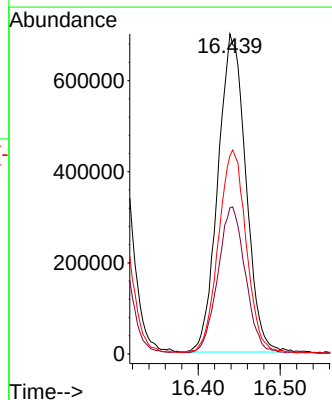
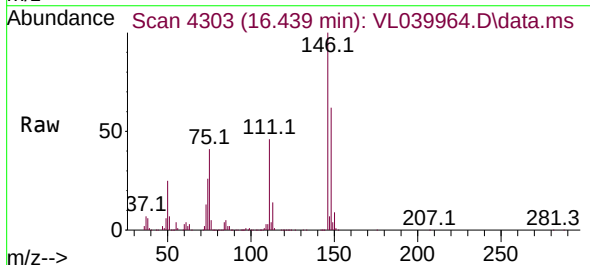
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

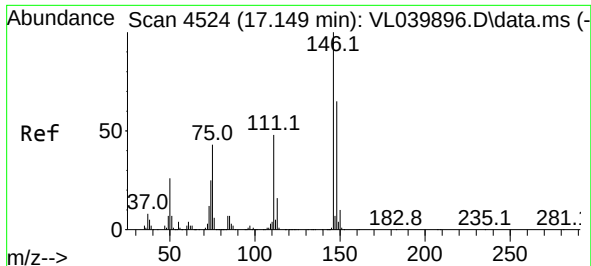
Tgt Ion:146 Resp: 1695591
Ion Ratio Lower Upper
146 100
111 47.0 23.3 69.9
148 63.6 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 8.327 ppbv
RT: 16.439 min Scan# 4303
Delta R.T. -0.029 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion:146 Resp: 1643943
Ion Ratio Lower Upper
146 100
111 46.3 22.4 67.3
148 64.9 32.3 96.9

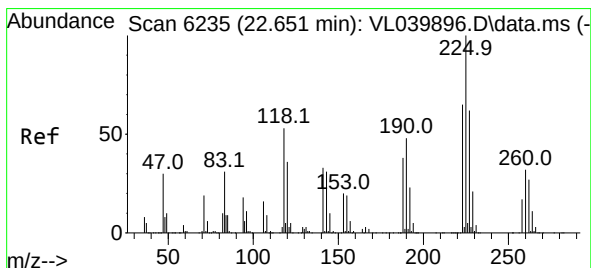
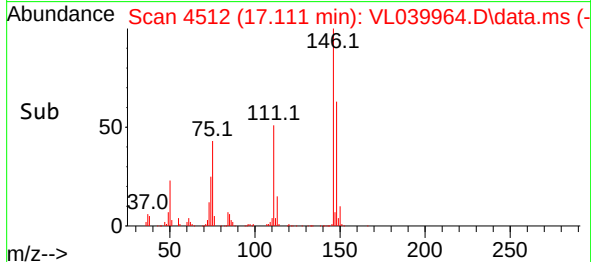
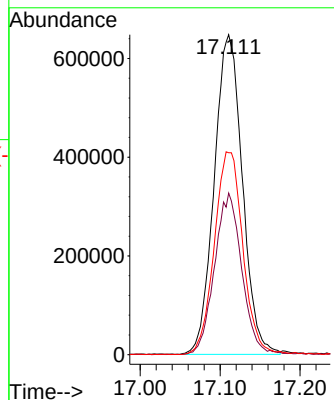
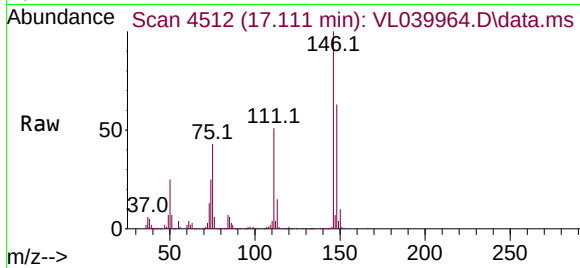




#77
1,2-Dichlorobenzene
Concen: 8.242 ppbv
RT: 17.111 min Scan# 411
Delta R.T. -0.019 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

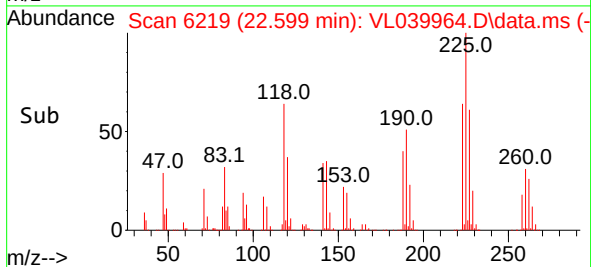
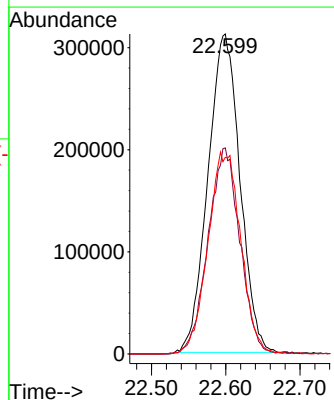
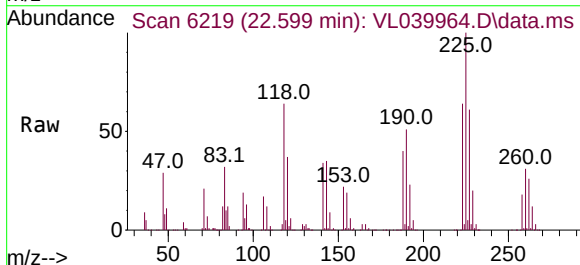
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

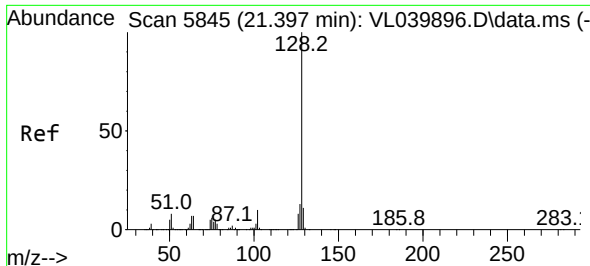
Tgt Ion:146 Resp: 1582355
Ion Ratio Lower Upper
146 100
111 48.9 24.1 72.3
148 64.6 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 7.021 ppbv
RT: 22.599 min Scan# 6219
Delta R.T. -0.019 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion:225 Resp: 935260
Ion Ratio Lower Upper
225 100
223 64.4 50.7 76.1
227 65.2 50.8 76.2

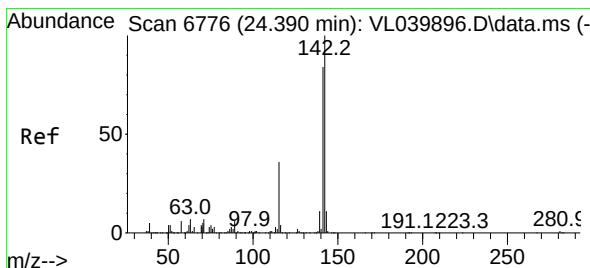
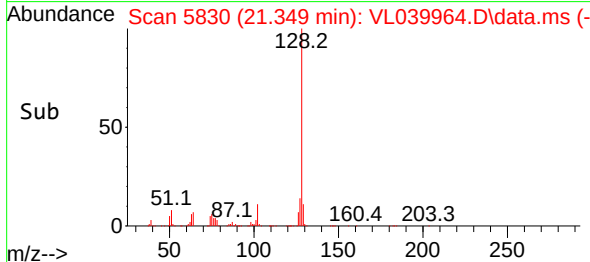
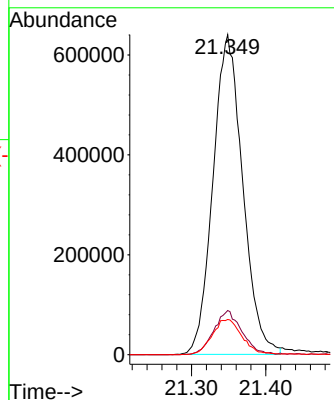
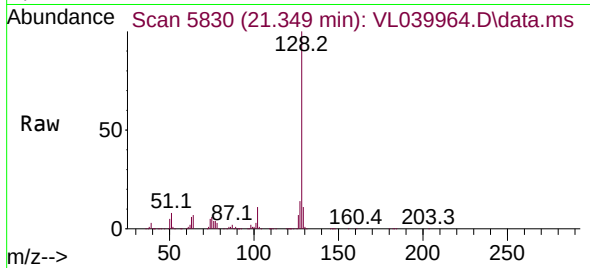




#79
Naphthalene
Concen: 8.381 ppbv
RT: 21.349 min Scan# 5830
Delta R.T. -0.023 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

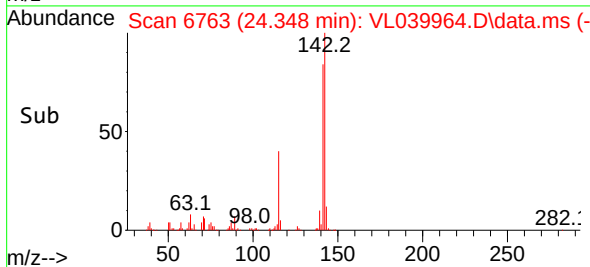
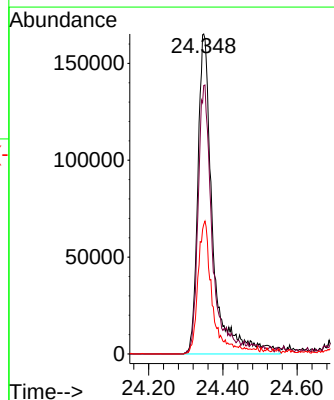
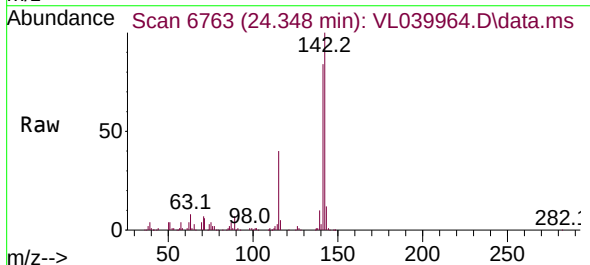
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

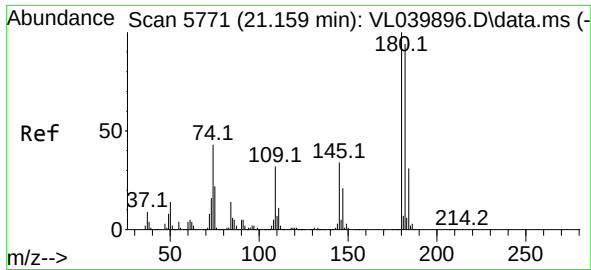
Tgt Ion:128 Resp: 1775435
Ion Ratio Lower Upper
128 100
127 13.8 10.0 15.0
129 11.0 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 7.771 ppbv
RT: 24.348 min Scan# 6763
Delta R.T. -0.023 min
Lab File: VL039964.D
Acq: 2 Dec 2022 10:30

Tgt Ion:142 Resp: 463001
Ion Ratio Lower Upper
142 100
141 78.2 69.1 103.7
115 41.2 29.6 44.4





#81

1,2,4-Trichlorobenzene

Concen: 7.789 ppbv

RT: 21.107 min Scan# 51

Delta R.T. -0.019 min

Lab File: VL039964.D

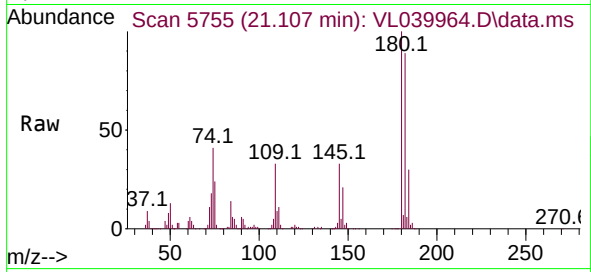
Acq: 2 Dec 2022 10:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 1018916

Ion Ratio Lower Upper

180 100

182 95.2 77.0 115.6

184 30.9 25.2 37.8

